

SERVICE MANUAL

US Model

Ver. 1.0 2005.12



SPECIFICATIONS

Recording media

Built-in flash memory 4 GB, "Memory Stick PRO (High Speed)"
(not supplied), Stereo recording

Maximum recordable time (Approximate)

The total maximum recordable time (approximate) of all the folders is as follows.

Built-in flash memory (4 GB)

Sampling frequency/ quantifying bit number	Maximum recordable time *
22.05 kHz 16 bit	13 hrs 10 min.
44.10 kHz 16 bit	6 hrs 35 min.
44.10 kHz 24 bit	4 hrs 20 min.
48.00 kHz 16 bit	6 hrs
48.00 kHz 24 bit	4 hrs
96.00 kHz 16 bit	3 hrs
96.00 kHz 24 bit	2 hrs

"Memory Stick PRO (High Speed)"

Sampling frequency/ quantifying bit number	Maximum recordable time *				
	256 MB	512 MB	1 GB	2 GB	4 GB
22.05 kHz 16 bit	45 min.	1 hr 30 min.	3 hrs 5 min.	6 hrs 25 min.	12 hrs 45 min.
44.10 kHz 16 bit	20 min.	45 min.	1 hr 30 min.	3 hrs 10 min.	6 hrs 20 min.
44.10 kHz 24 bit	15 min.	30 min.	1 hr	2 hrs 5 min.	4 hrs 15 min.
48.00 kHz 16 bit	20 min.	40 min.	1 hr 25 min.	2 hrs 55 min.	5 hrs 50 min.
48.00 kHz 24 bit	10 min.	25 min.	55 min.	1 hr 55 min.	3 hrs 50 min.
96.00 kHz 16 bit	10 min.	20 min.	40 min.	1 hr 25 min.	2 hrs 55 min.
96.00 kHz 24 bit	5 min.	10 min.	25 min.	55 min.	1 hr 55 min.

* The maximum recordable time is varied depending on recording condition.

– Continued on next page –

LINEAR PCM RECORDER

Quantization
16-bit linear, 24-bit linear
Frequency range (Input from the LINE IN jack when recording/playing back) (0 to -2 dB)
Fs 22.05 kHz: 20 to 10,000 Hz
Fs 44.10 kHz: 20 to 20,000 Hz
Fs 48.00 kHz: 20 to 22,000 Hz
Fs 96.00 kHz: 20 to 44,000 Hz
Signal-to-noise ratio (S/N)
96 dB or above (1 kHz IHF-A)
(for 24 bit)
Total harmonic distortion (Input from the LINE IN jack)
22.05 kHz 16 bit, 44.10 kHz 16/24 bit:
0.008% or below (1 kHz, 22 kHz LPF)
48.00 kHz 16/24 bit, 96.00 kHz
16/24 bit: 0.008% or below (1 kHz,
22 kHz LPF)
Wow and flutter
Below measurable limit (less than
± 0.001% W.PEAK)

Input/output

MIC jack (stereo mini jack)
Input impedance: 22kΩ
Rated input level: 2.5mV
Minimum input level: 0.7mV
□ (headphone) jack (stereo mini jack)
Rated output level: 400mV
Maximum output level: 30mW +
30mW or more
Load impedance: 16Ω
LINE IN jack
Input impedance: 47kΩ
Rated input level: 2.0V
Minimum input level: 570mV
LINE OUT/optical DIGITAL OUT jack
Output impedance: 220Ω
Rated output level: 1.8V
Load impedance: 22kΩ
Output level: -21 to -15dBm
(for optical digital output)
Emission wavelength: 630 to 690 nm
(for optical digital output)
DC IN 6V jack
USB connector (Hi-speed USB, Mass
Storage Class)
Memory Stick slot

General

Power requirements
DC IN 6V (AC 120V, 60 Hz)
Four size AA (LR06) nickel metal
hydride rechargeable batteries NH-AA
(supplied)
Four size AA (LR06) alkaline batteries
(not supplied)
Power consumption
2.1W
Dimensions
Approx. 72.0 × 193.0 × 32.7 mm
(27/8 × 63/4 × 15/16) (w/h/d) (not
including projecting parts and
controls)
Mass 525 g (18.52 oz) (including batteries)
Supplied accessories

- Windscreen
- AC power adaptor (6V)
- USB cable
- Carrying case
For carrying the recorder and the tripod
(not supplied).
- Wrist strap
- Charging set
(Battery charger BCG-34HRE, four size AA
(LR06) nickel metal hydride rechargeable
batteries NH-AA)
- Size AA (LR06) battery case
- CD-ROM
("DigiOnSound5"*, "DigiOnAudio2
(trial version)"*, "Driver for Windows
2000")
- * For instructions, refer to the help function
of each application.
- Operating Instructions (this book)

Optional accessories

"Memory Stick PRO (High Speed)"
MSX-1GN (1 GB), MSX-2GN (2 GB),
MSX-4GN (4 GB)
"Memory Stick PRO Duo (High Speed)"
MSX-M1GN (1 GB),
MSX-M2GN (2 GB)
Stereo headphones
MDR-V900, MDR-V700DJ
Audio connecting cable
RK-G129
Optical digital cable
POC-N120B (optical mini plug ↔
optical mini plug)
POC-N120AB (optical mini plug ↔
rectangular-shaped optical plug)
External microphone
ECM-MS957

Design and specifications are subject to change
without notice.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270°C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

Notes on Chip Component Replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

● UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.

(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)



LF : LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40°C higher than ordinary solder.

Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.

Soldering irons using a temperature regulator should be set to about 350°C.

Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!

- Strong viscosity

Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.

- Usable with ordinary solder

It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ▲ OR DOTTED LINE WITH MARK ▲ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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SECTION 1

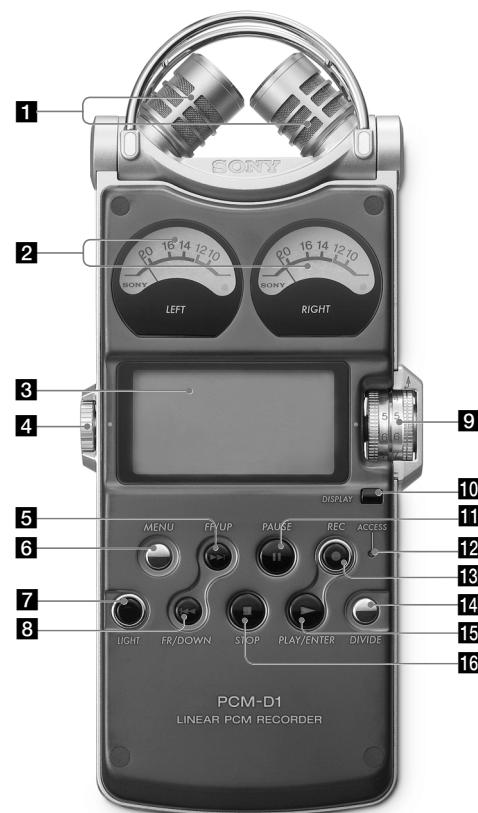
GENERAL

This section is extracted from instruction manual.

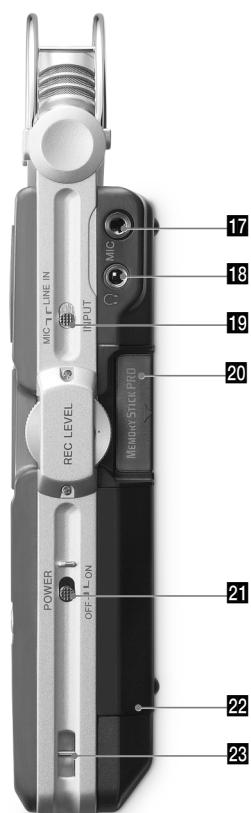
Overview (continued)

Identifying parts and controls

Front



Right side



1 Built-in microphones (page 22)

2 Analog level meters (page 25)
Displays left and right volume levels of an audio signal input from microphones in analog values.

3 Display (page 16)

4 VOLUME dial
Adjusts the playback volume when turned in +/– directions.

5 ►►| FF (fast-forward) /UP button (pages 21, 29)

6 MENU button (page 34)

7 LIGHT button
Turns on or off the backlight of the display and the analog level meters.

8 |◀◀ FR (fast-rewind) /DOWN button (pages 21, 29)

9 REC LEVEL L/R (recording level left/right) dials (page 24)

10 DISPLAY button (page 17)
Switches time information in the display.

11 ■ PAUSE button/indicator (pages 25, 29)

12 ACCESS indicator (pages 20, 38)
Flashes when accessing memory (except during recording).

13 ● REC (recording) button/indicator (page 24)

14 DIVIDE button (page 30)

15 ► PLAY/ENTER button/indicator (pages 21, 28)

16 ■ STOP button (pages 25, 29)

17 MIC (microphone) jack (page 27)

18 (headphone) jack (pages 26, 28)

19 MIC (microphone) /LINE IN switch (page 24)
When set to “MIC,” records an audio signal input from the built-in microphones or an external microphone that is connected to the MIC jack. When set to “LINE IN,” records an audio signal output from external equipment that is connected to the LINE IN jack.

20 Memory Stick slot (page 38)

21 POWER switch
Turns on or off the power.

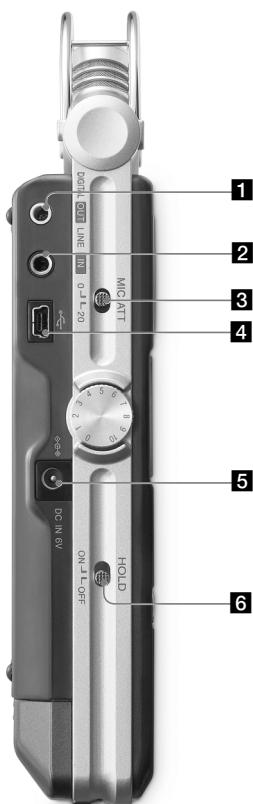
22 Battery compartment lid (page 19)

23 Slit for a wrist strap (page 18)

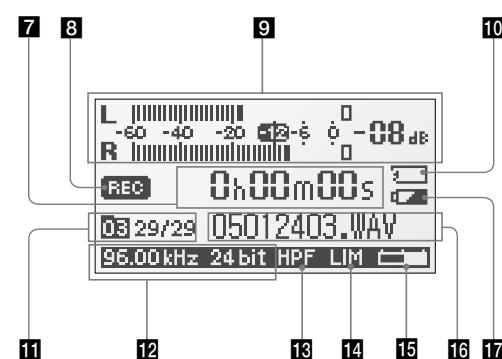
Continued on the next page →

Overview (continued)

Left side



Display



1 LINE OUT/optical DIGITAL OUT jack
(page 29)

2 LINE IN jack (page 27)

3 MIC ATT (microphone attenuator) switch
(page 23)

4 USB connector (page 30)

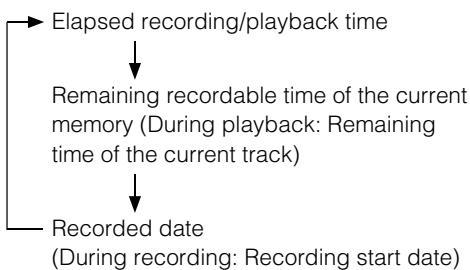
5 DC IN 6V jack (page 20)

6 HOLD switch

When set to "ON," the buttons on the recorder are locked to prevent accidental operation. It is recommended to set to "ON" during recording and playback. To unlock the controls, set to "OFF."

7 Time information

Each time the DISPLAY button is pressed, the time information changes as follows
(Flashes when the recorder is paused):



8 Recording/playing status

Displays as follows according to the current operation:

	Recording
	Recording pause, standby for recording
	Playback
	Playback pause
	Stop
	Fast reverse/forward
	Go to previous/succeeding tracks

9 Peak meter (page 25)

10 Memory Stick indicator

Displayed when the current memory is a "Memory Stick PRO (High Speed)."

11 Folder number, track numbers

Track numbers are displayed as "current track number/total numbers of tracks."

12 Sampling frequency and quantifying bit number of currently recording/playing track (page 35)

13 HPF (High Pass Filter) setting

Displayed when "200Hz HPF" is set to "ON" (page 36).

14 Limiter setting

Displayed when "LIMITER" is set to "ON" (page 35).

15 Remaining memory volume

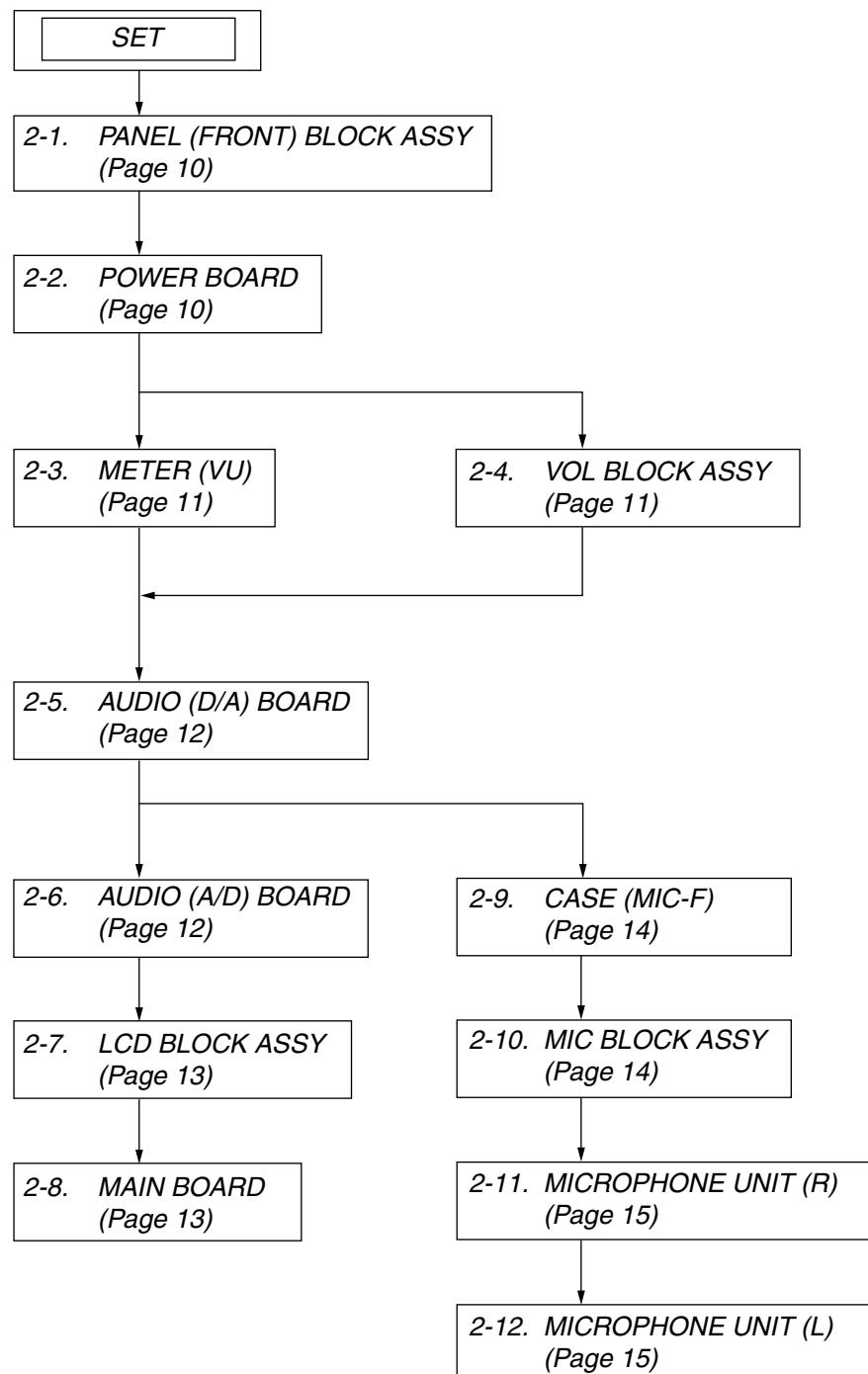
Displayed the remaining volume of current memory (page 26).

16 File name of currently recording/playing track

17 Remaining battery power (page 20)

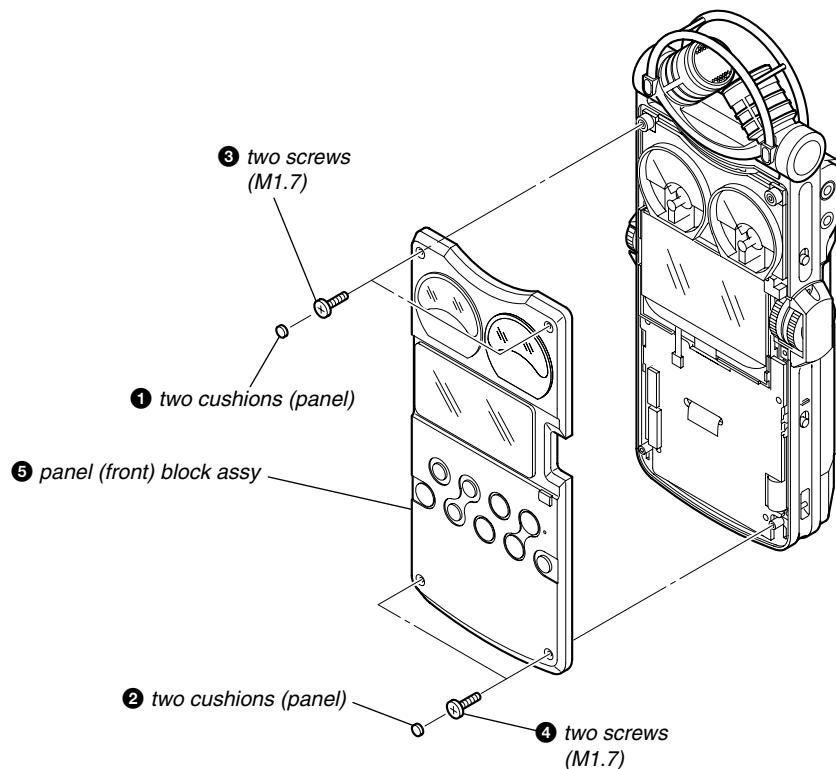
SECTION 2 DISASSEMBLY

Note: This set can be disassemble according to the following sequence.

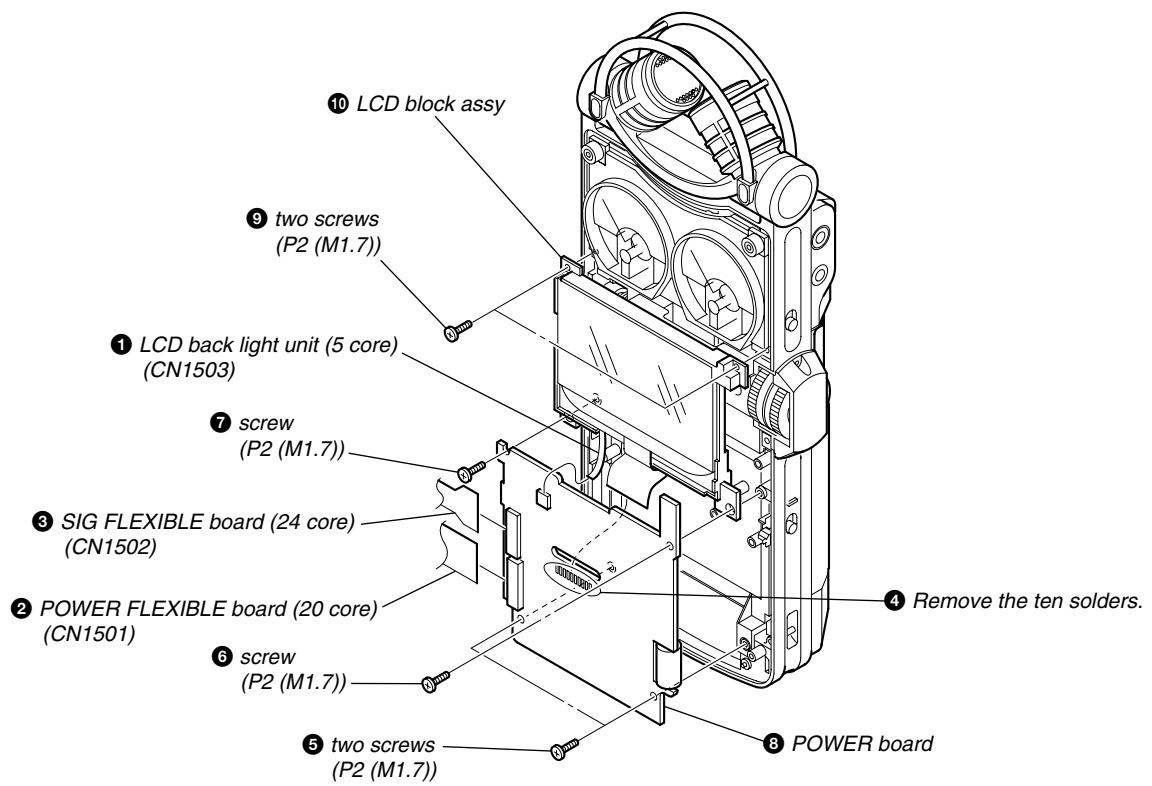


Note: Follow the disassembly procedure in the numerical order given.

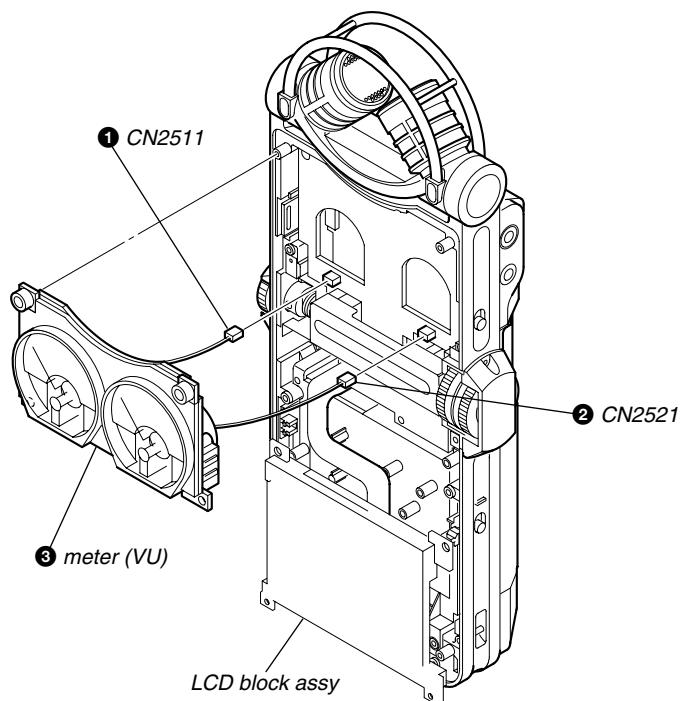
2-1. PANEL (FRONT) BLOCK ASSY



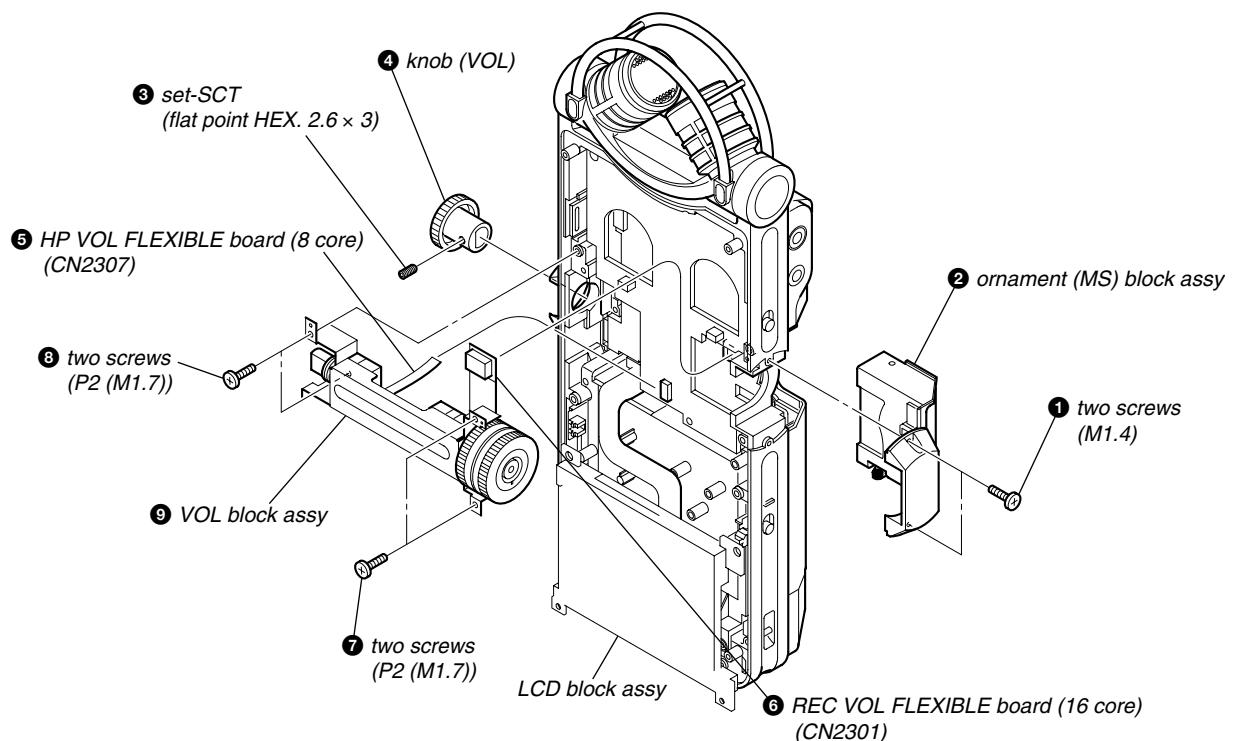
2-2. POWER BOARD



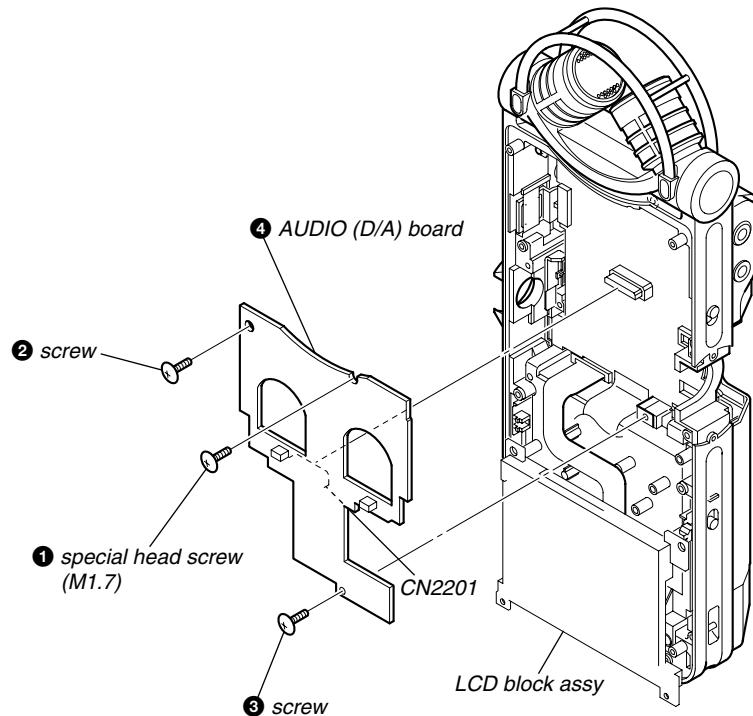
2-3. METER (VU)



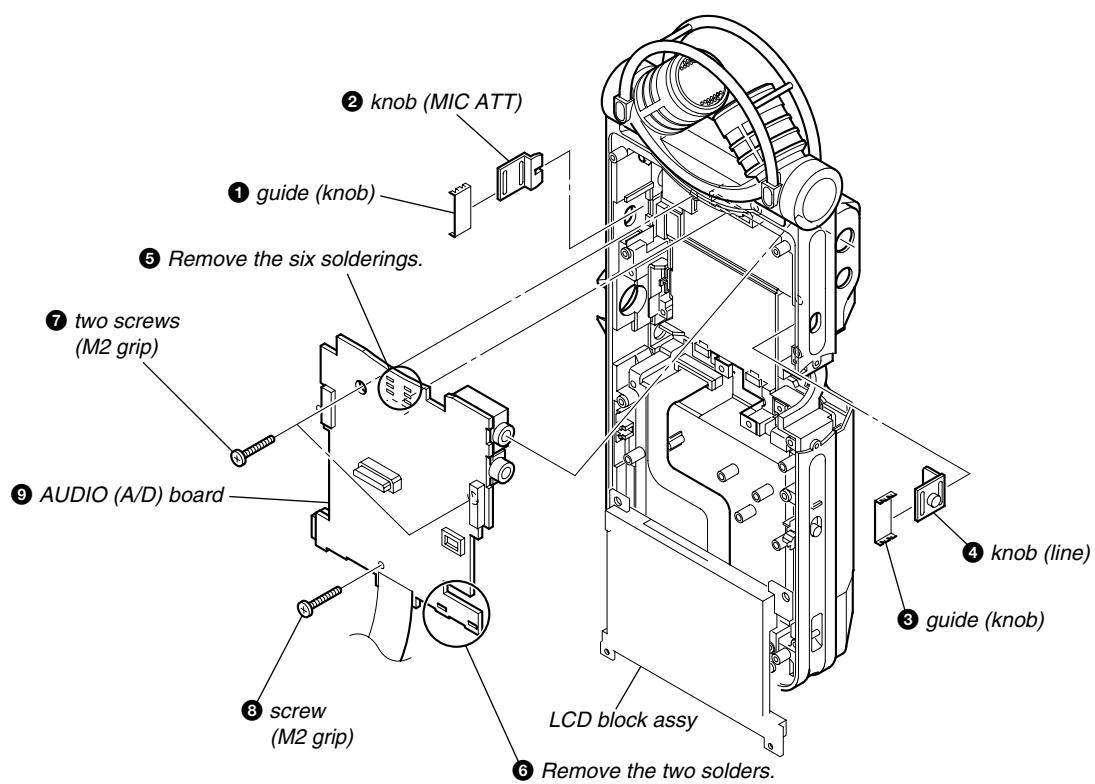
2-4. VOL BLOCK ASSY



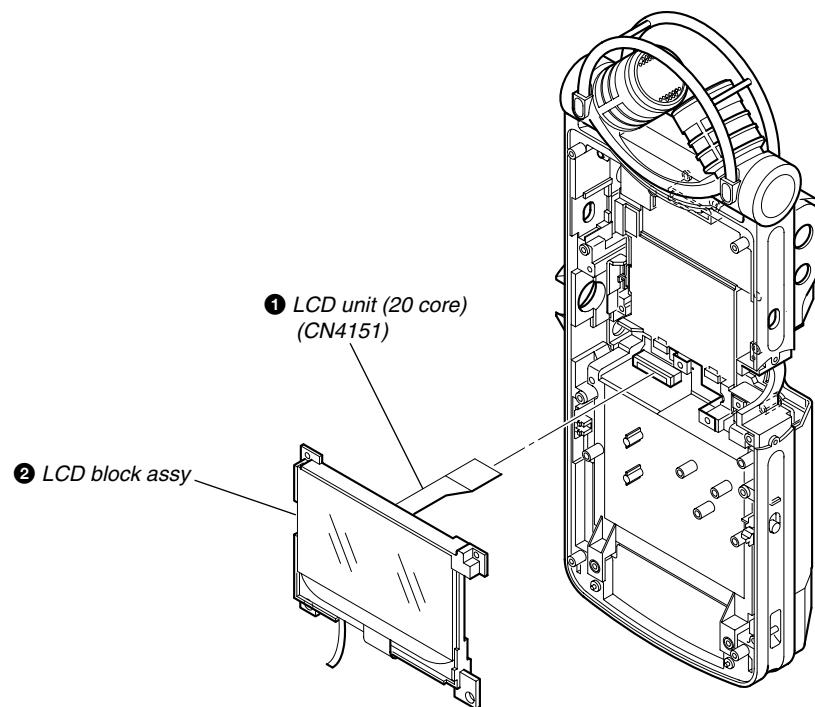
2-5. AUDIO (D/A) BOARD



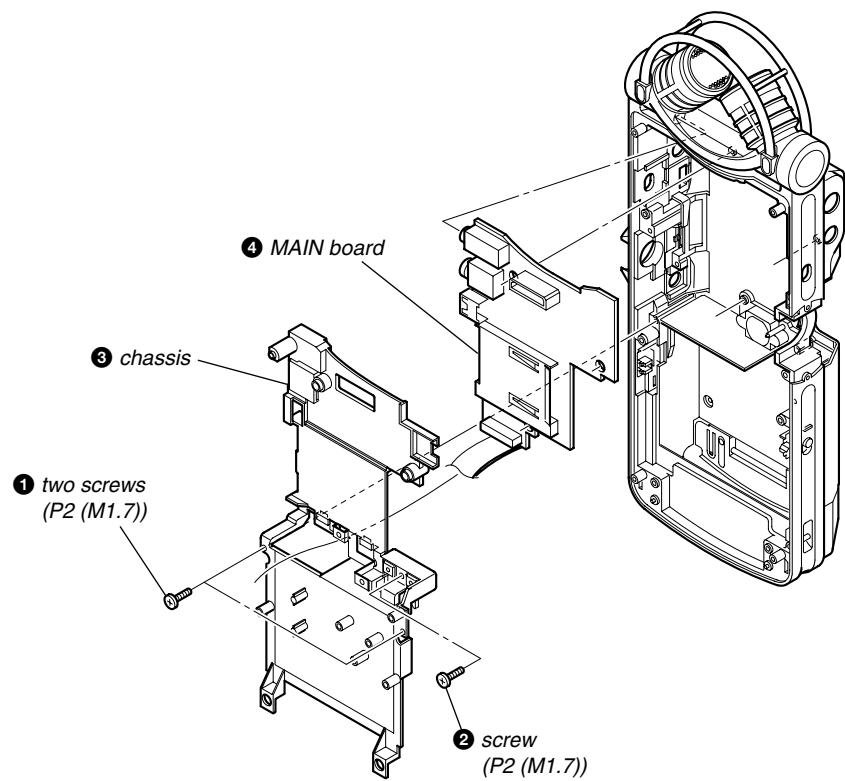
2-6. AUDIO (A/D) BOARD



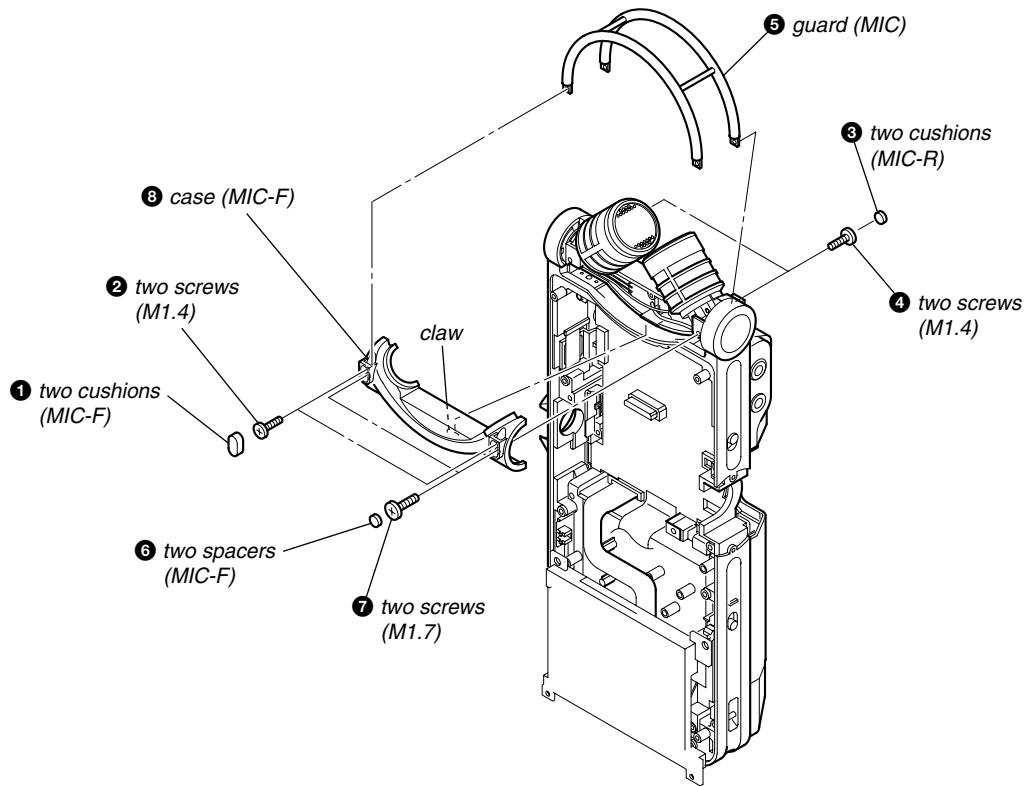
2-7. LCD BLOCK ASSY



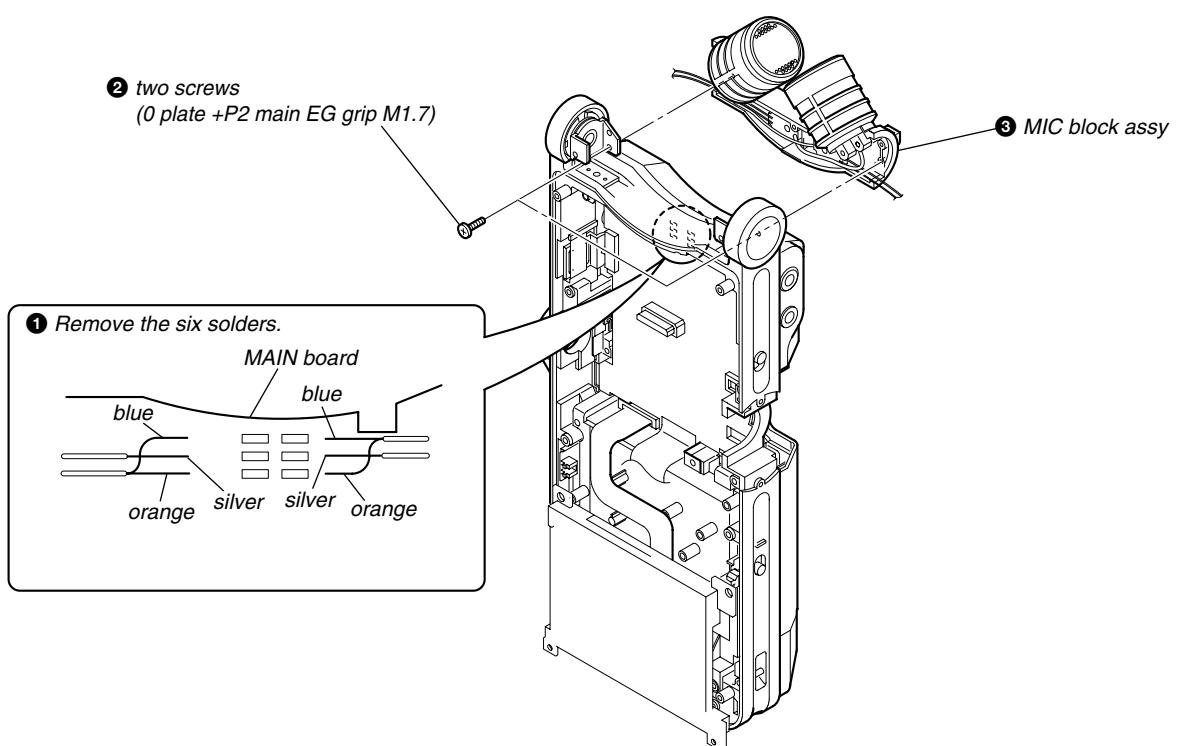
2-8. MAIN BOARD



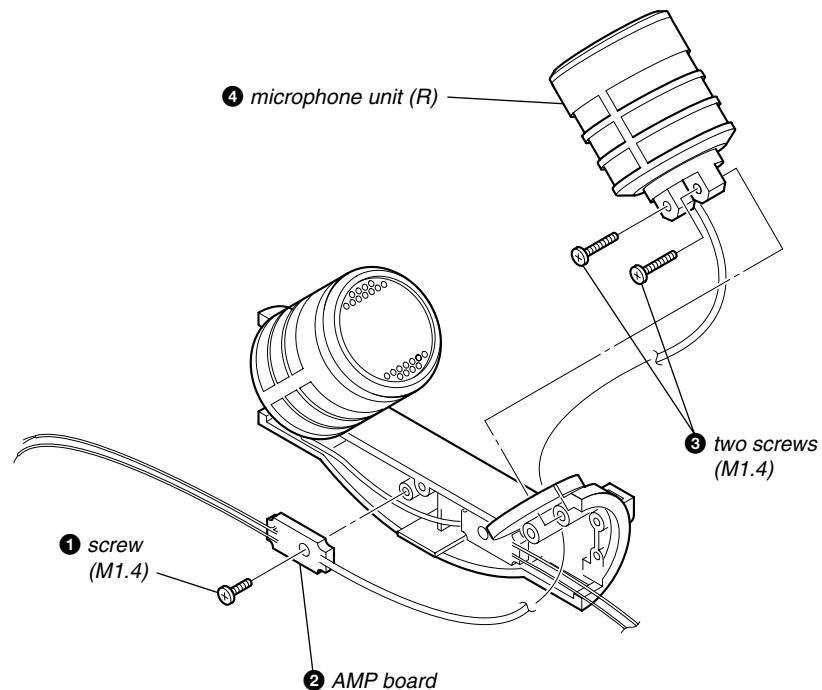
2-9. CASE (MIC-F)



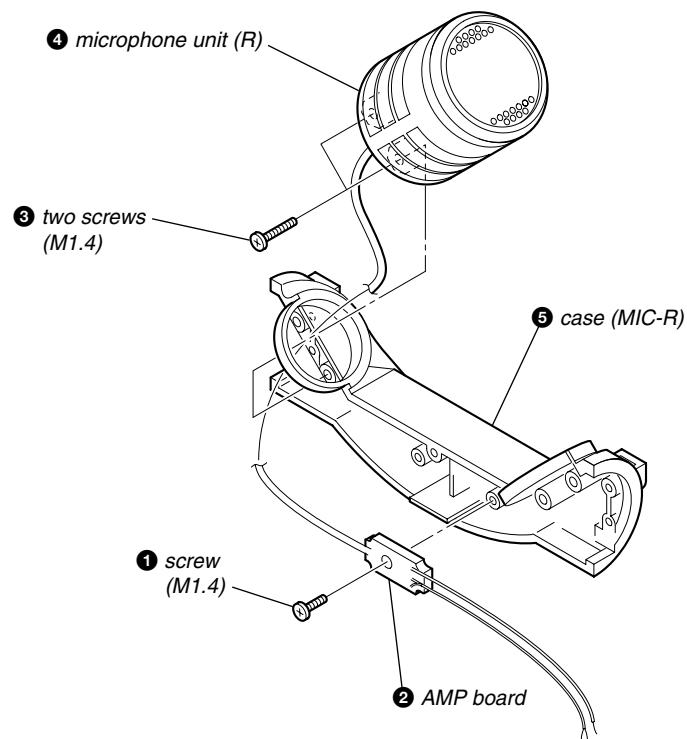
2-10. MIC BLOCK ASSY



2-11. MICROPHONE UNIT (R)



2-12. MICROPHONE UNIT (L)



SECTION 3

TEST MODE

This set provides the Test Mode that can be used for the following check modes.

Setting the Test Mode

With the power on, press the following buttons:

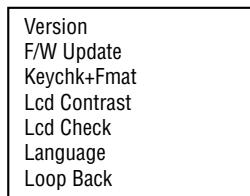
▶▶▶▶◀◀ LIGHT □ LIGHT □ MENU □

Canceling the Test Mode

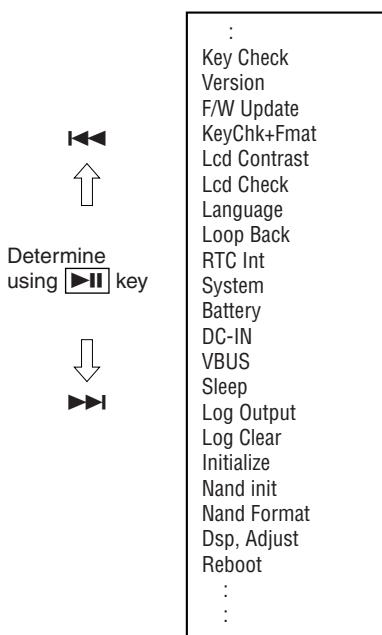
Turn the [POWER] switch “OFF”, or remove the battery.

Test Mode Menu

When the Test Mode is entered, the following menu appears on the LCD:



Select an item using the [▶▶] and [◀◀] keys, and determine its selection using the [▶▶] key.



1. Key Check

A specific key is inputted by pressing it for input check and INT check.

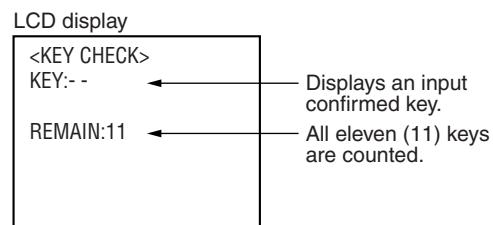
(It is verified that input of a key is confirmed and that KEY_XWAKE interrupt occurs)

Key to be inputted:

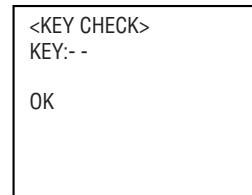
[REC] / [▶▶] / [▶▶] / [◀◀] / [MENU] / [LIGHT] / [DIVIDE] /
[DISPLAY] / [HOLD] ON/OFF

Total of 11 locations

When a key is inputted and its input is confirmed, the backlight turns on for 0.5 sec.

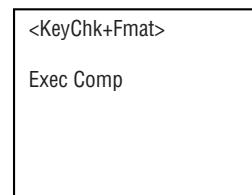


Once all key checks are completed, OK appears on the LCD and the LCD (ACCESS) is turned on.



2. Key Chk + Fmat Test

- When all inputs have been confirmed in Item 1, Key Check, the system performs NAND formatting (deletion of all conditions) and takes defaults for settings in the menu (language setting and LCD contrast are held).



NAND formatting
(deletion of all conditions)
and default menu settings are completed.

3. DSP Adjust

- This mode executes DSP LOOP BACK.

4. Lcd Contrast

- This mode adjusts the LCD contrast.
The initial value is 40.
- Adjust the contrast using the [▶▶] and [◀◀] keys.

5. Lcd Check

- This mode verifies that all LCD indicators are on and off, and it checks the PATTERN, vertical scroll and horizontal scroll displays.

[PLAY]: All On

[▶]: Vertical scroll

[REC]: All Off

[◀]: Horizontal scroll

[DIVIDE]: PATTERN

[■]: Exit

6. Language

- Not used.

7. Loop Back

- This mode executes DSP LOOP BACK.

- MENU is turned on and off.

[PLAY]: Execute (only at a stop).

[DIVIDE]: MUTE ON/OFF.

[MENU]: Exit from Submenu.

(After an execution is stopped during execution.)

[■]: During execution: Termination of execution.

At a stop: Exit from submenu.

8. RTC Int

- This mode checks for RTC operation.

9. System

- This mode checks the NOR, NAND, UNIQUE and MS.

10. Battery

- This mode checks the current value of A/D.

11. DC-IN

- This mode checks the current value of DC-IN A/D.

- NG is displayed for non-connection.

12. Initialize

- This mode initializes the set values (to the values established at the factory).

13. Nand init

- Band Block and NAND formatting of the NAND FLASH.

14. Nand Format

- NAND formatting.

15. F/W update

- Update of the F/W.

15-1. F/W UpGrade method

If the F/W need be updated for reasons such as modification of bugs after mass production, the F/W should be updated as follows:

1. Copy the following files just under the drive of the memory stick Duo.

(The files below will be distributed when bugs are modified.)

- ldrasm.mot (upgrade driver)
- CHIPEXEC.MOT (F/W for the set)
- update.pls (upgrade MS identification file)

2. Insert the MS described in step 1 into the set and turn on power. (Use a new battery or the AC adapter.)

3. When the ACCESS screen remains as it is and the OPE-LED (red) lights up, the update is completed.

Remove the battery and remove the MS Duo. The F/W update is complete.

Enter the Test Mode and check the version.

4. Once the F/W is updated, the update.pls file is automatically deleted.

If you are repeating to upgrade the F/W, the update.pls file should be copied again.

Supplement:

If you are upgrading a large number of sets for mass production, the testmode.ind file should be added which enables repeated upgrade.

- ldrasm.mot (upgrade driver)
- CHIPEXEC.MOT (F/W for the set)
- update.pls (upgrade MS identification file)
- testmode.ind (special file for the factory)

Caution:

If the power is down during upgrade or the memory stick is removed, this upgrade fails.

(This will cause malfunctions, failure of power-on, and errors during operation.)

If these conditions are caused, the set must be disassembled and upgraded. Contact the design department.

The following files can be created by creating an arbitrary text file and changing its name.

- update.pls (upgrade MS identification file)
- testmode.ind (special file for the factory)

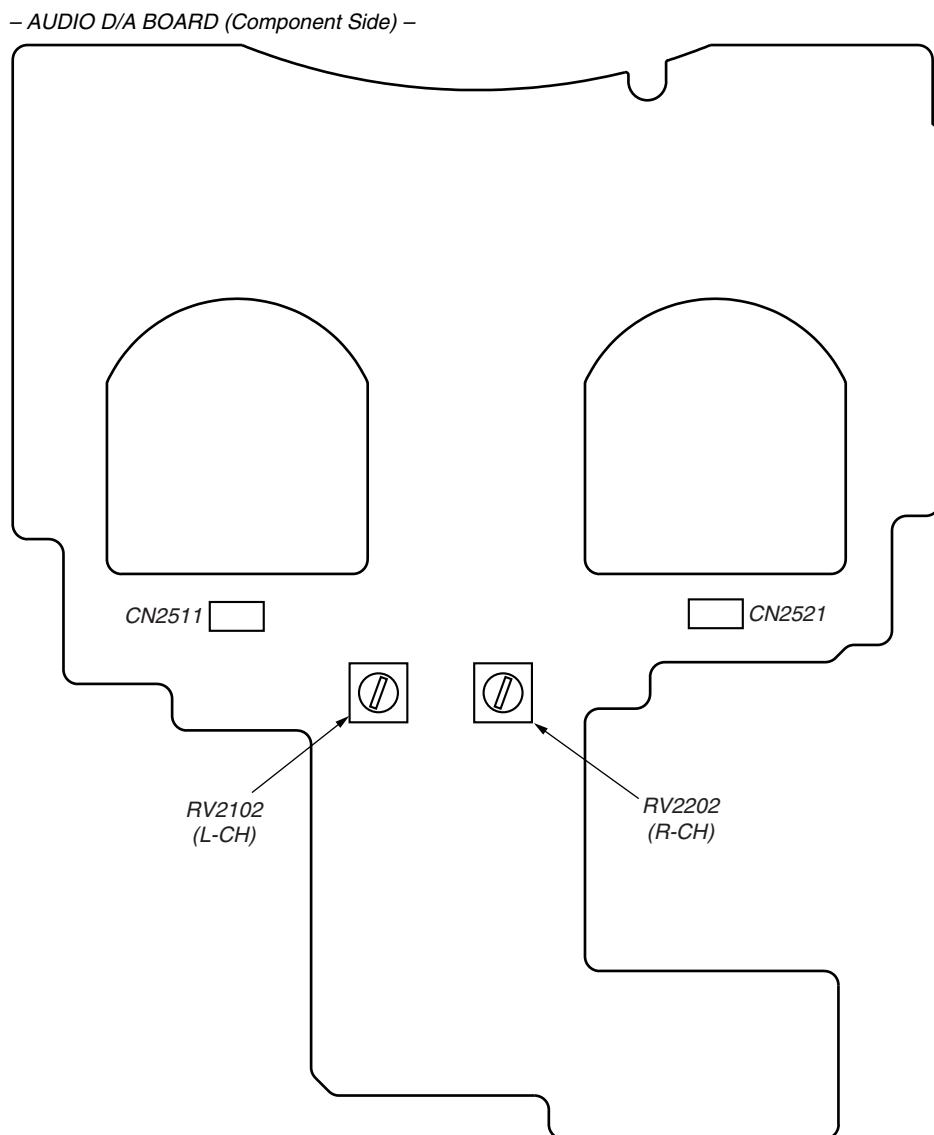
SECTION 4

ELECTRICAL ADJUSTMENT

Level Meter Adjustment

1. Reproduce the WAVE file (DIGITAL DATA) (1kHz, -12dBs) standard signal.
2. Adjust RV2102 so that the pointer of the L-CH level meter indicates the center of "12".
3. Adjust RV2202 so that the pointer of the R-CH level meter indicates the center of "12".

Adjusting Location:



SECTION 5

DIAGRAMS

Note on Schematic Diagrams:

- All capacitors are in μF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4$ W or less unless otherwise specified.
- Δ : internal tolerance.
- $\boxed{\quad}$: panel designation.
- --- : B+ Line.
- Power voltage is dc 6.0V and fed with regulated dc power supply from battery terminal.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark : PB
[] : REC
* : Impossible to measure
- Voltages are taken with a VOM (Input impedance $10 \text{ M}\Omega$). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
- \Rightarrow : REC (DIGITAL)
- \Rightarrow : REC (ANALOG)
- \Rightarrow : PB (DIGITAL)
- \Rightarrow : PB (ANALOG)

* Replacement of IC6001, 8101 and 8201 used in this set requires a special tool.

- The voltage and waveform of CSP (chip size package) cannot be measured, because its lead layout is different from that of conventional IC.

Note on Printed Wiring Boards:

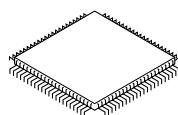
- \circ : parts extracted from the component side.
-  : Pattern from the side which enables seeing. (The other layers' patterns are not indicated.)

Caution:

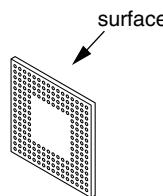
Pattern face side: Parts on the pattern face side seen from the (Side B) pattern face are indicated.
Parts face side: Parts on the parts face side seen from the (Side A) parts face are indicated.

* Replacement of IC6001, 8101 and 8201 used in this set requires a special tool.

- Lead layouts



Lead layout of conventional IC

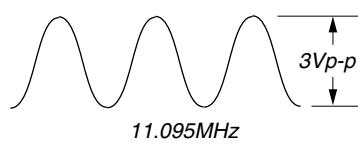


CSP (chip size package)

• Waveform

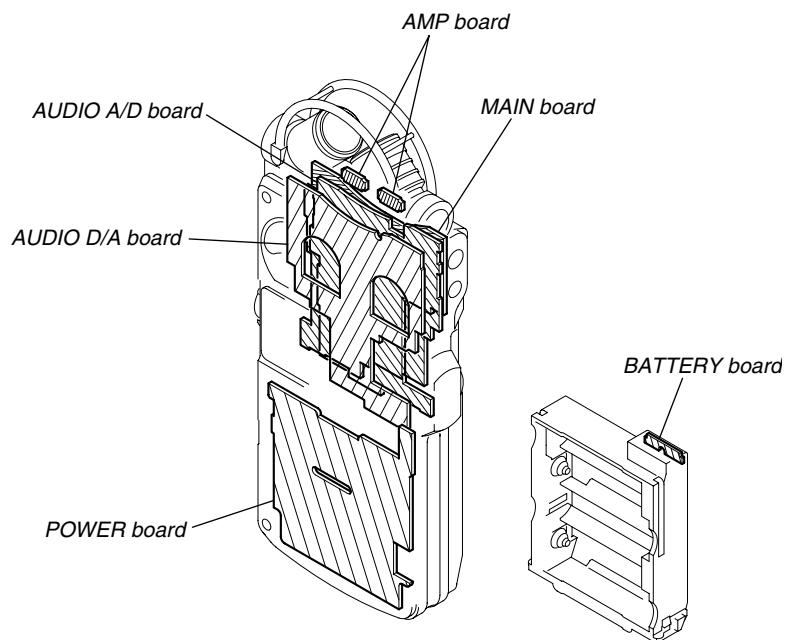
— MAIN Board —

① IC7001 ② (X0)

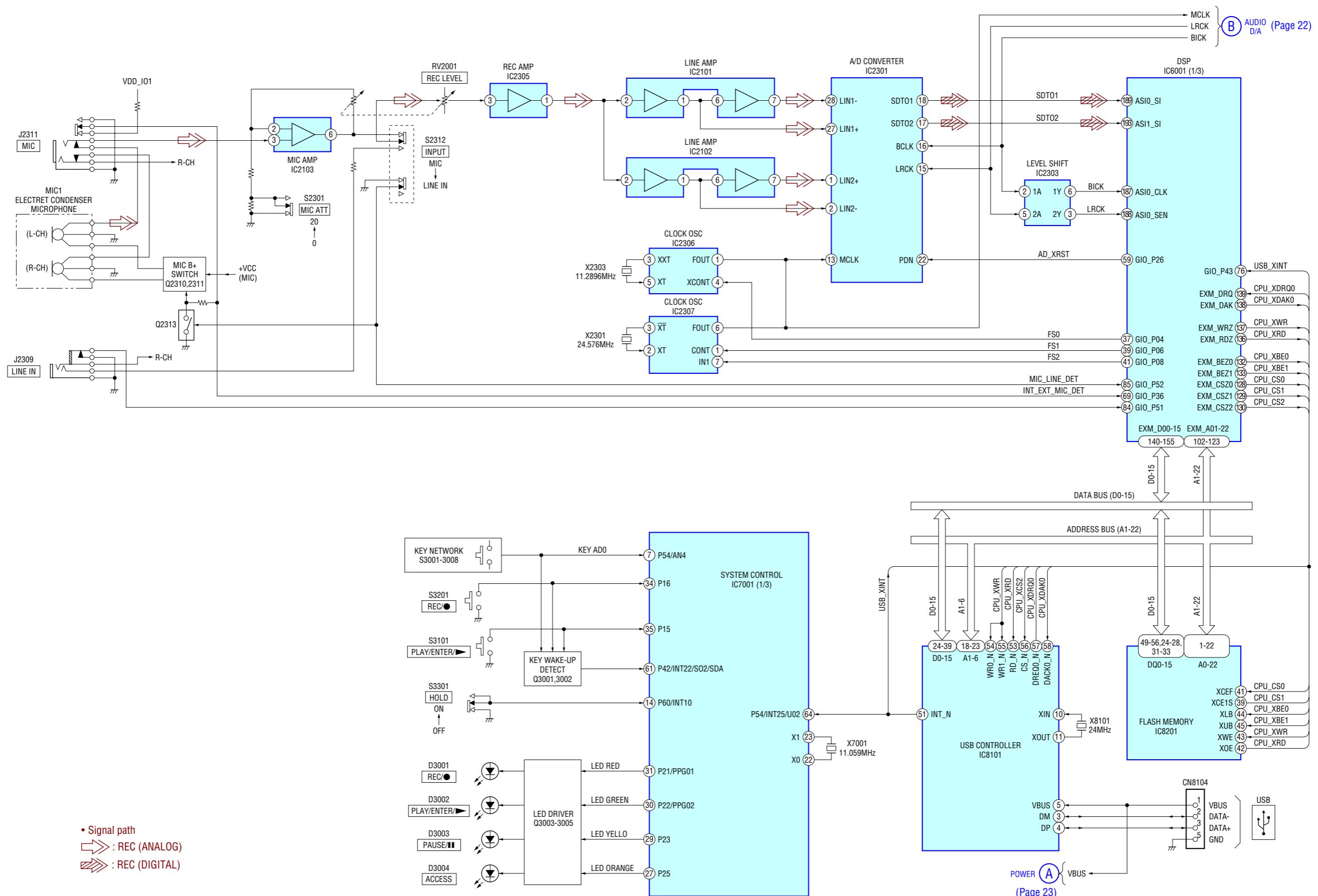


1V/DIV, 50nsec/DIV

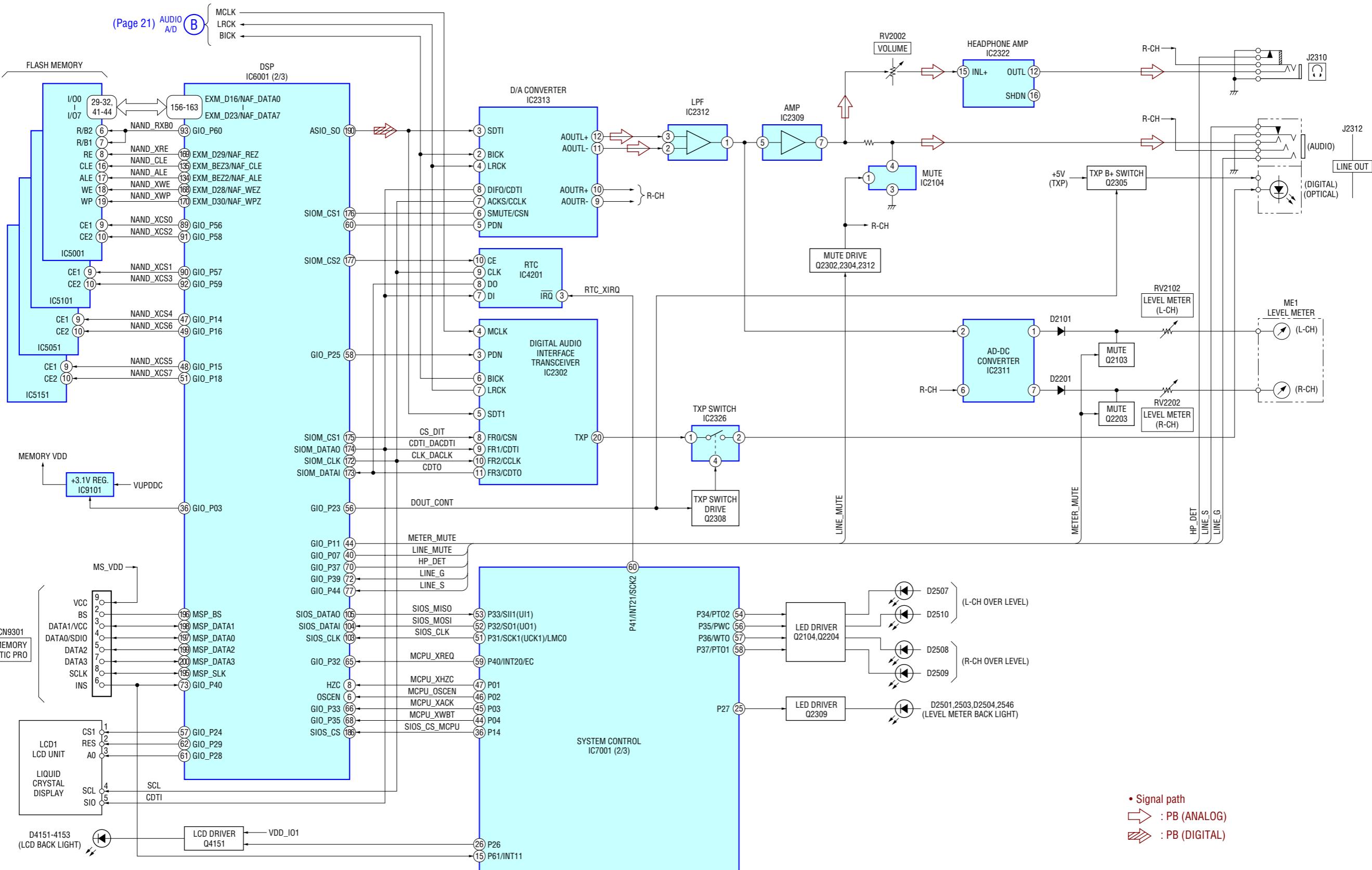
- CIRCUIT BOARDS LOCATION



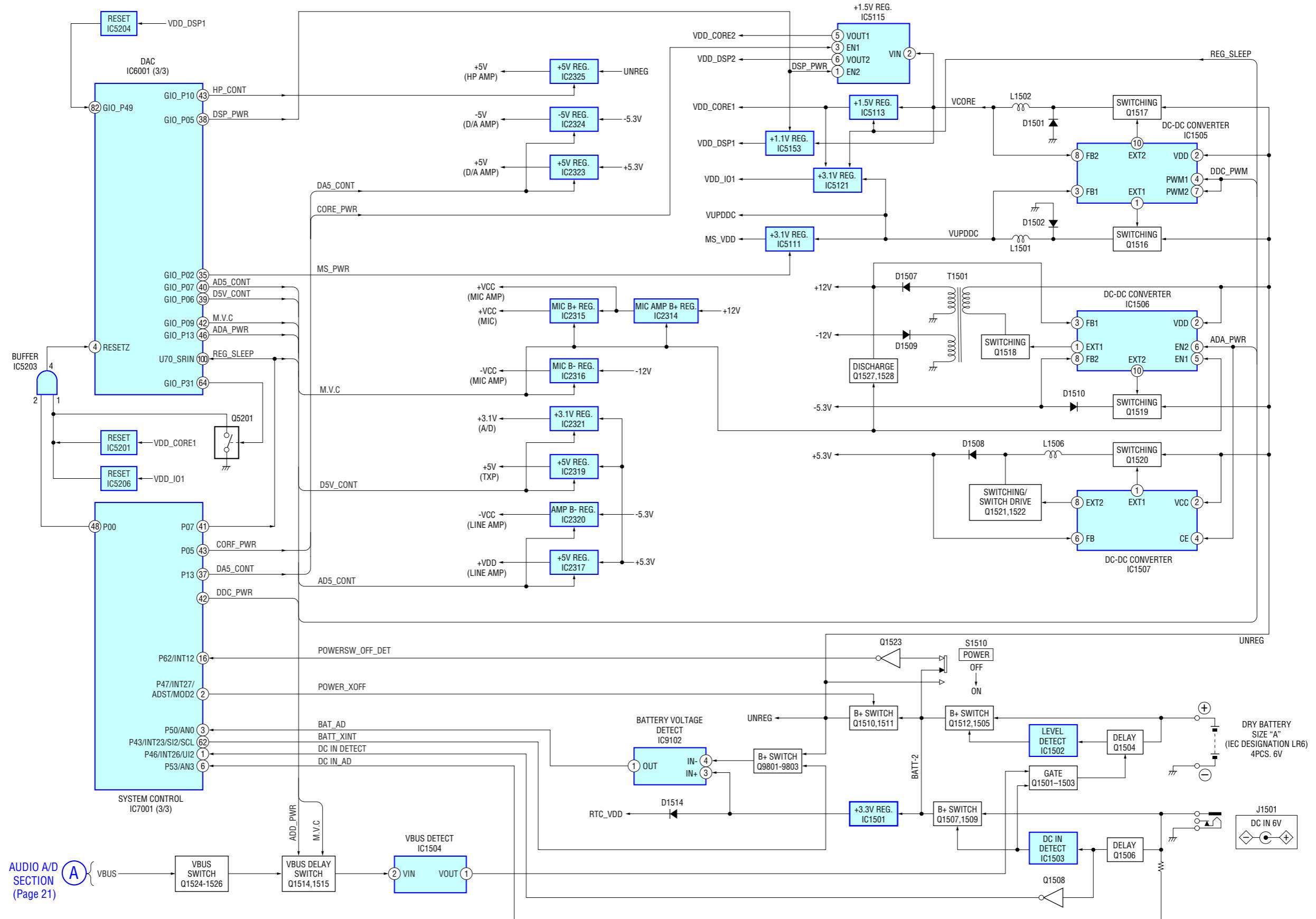
5-1. BLOCK DIAGRAM — AUDIO A/D SECTION —

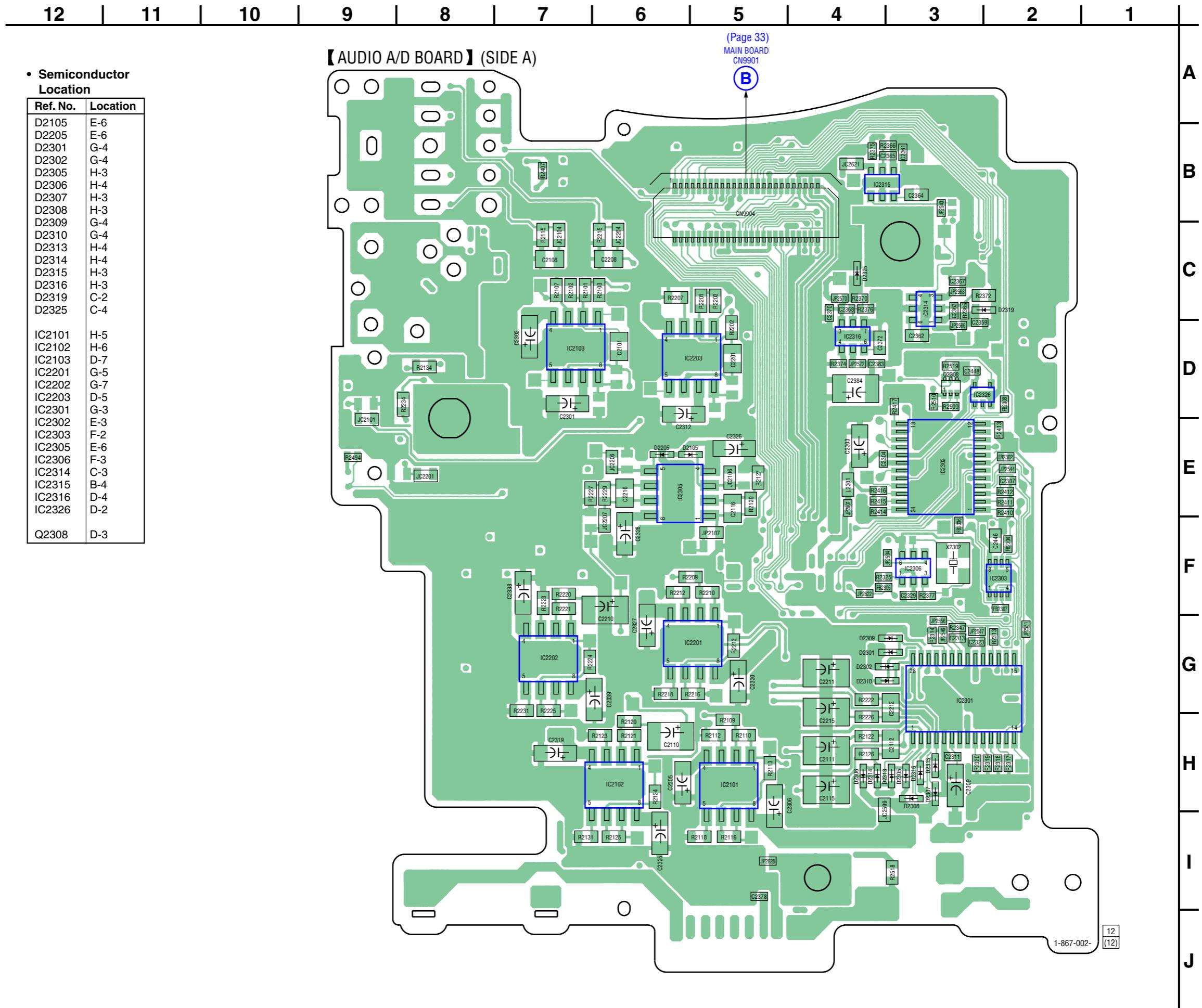


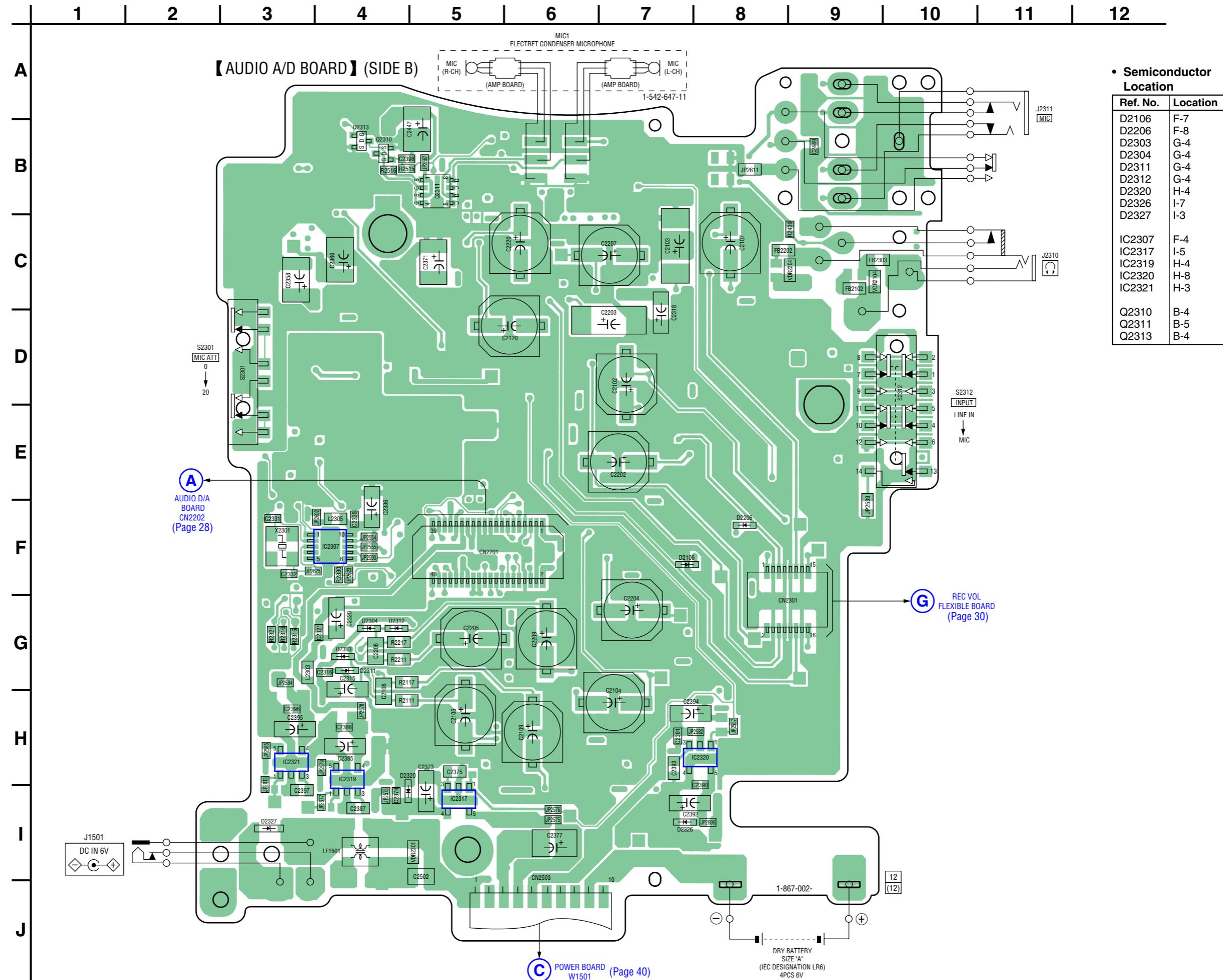
5-2. BLOCK DIAGRAM — AUDIO D/A SECTION —



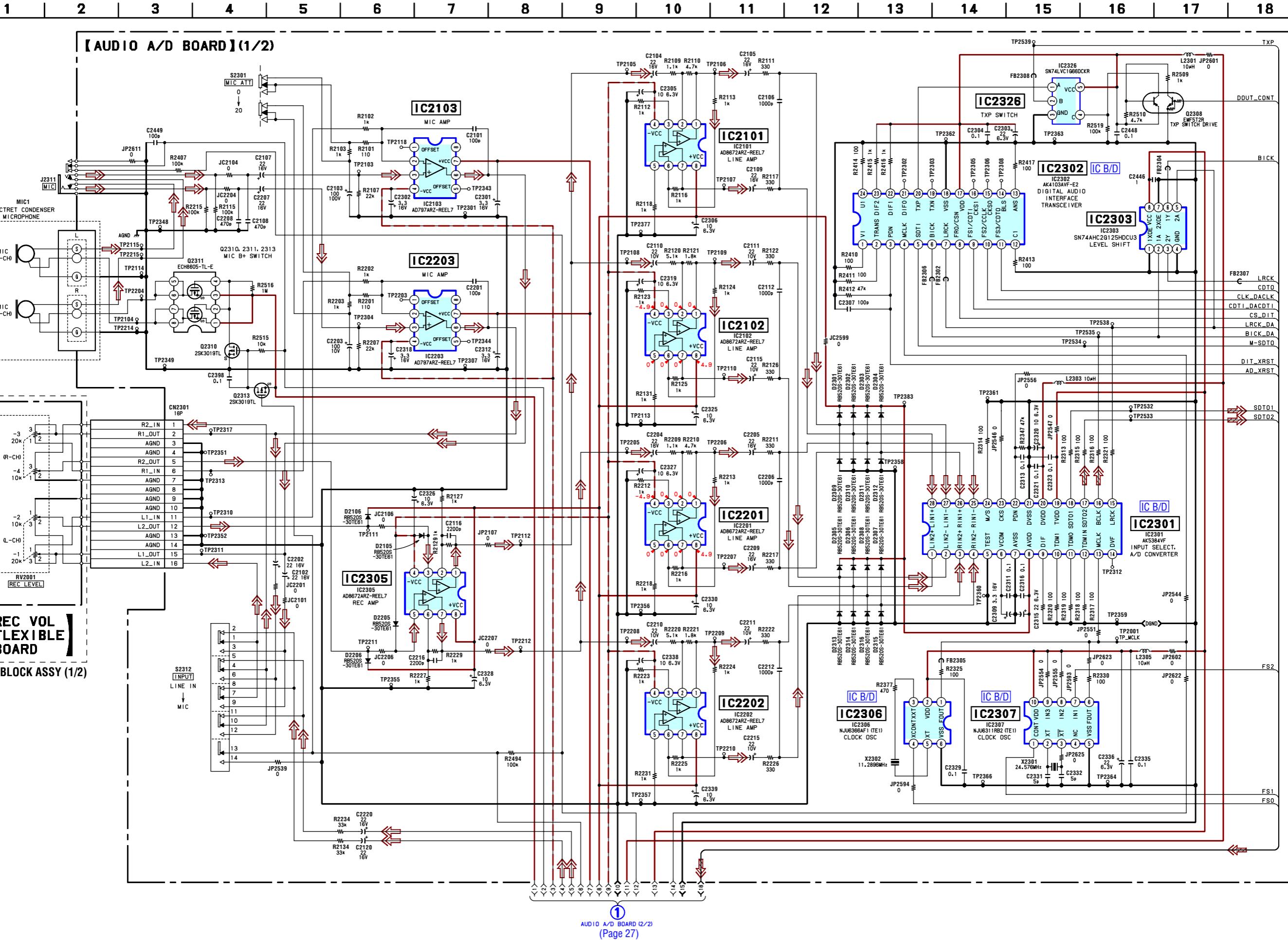
5-3. BLOCK DIAGRAM — POWER SECTION —



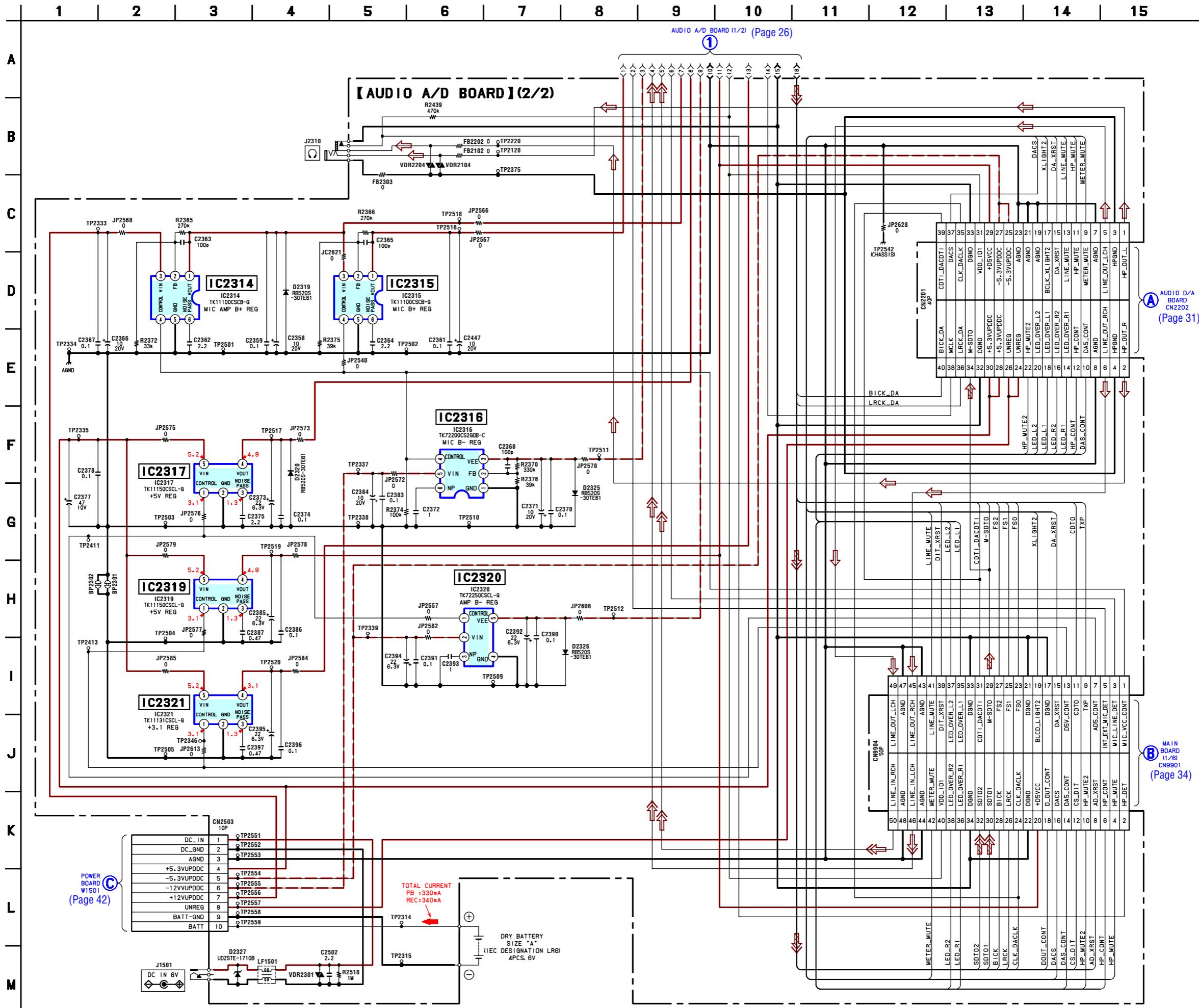
5-4. PRINTED WIRING BOARD — AUDIO A/D SECTION — • Refer to page 20 for Circuit Boards Location. •  : Uses unleaded solder.



5-5. SCHEMATIC DIAGRAM — AUDIO A/D SECTION (1/2) — • Refer to page 43 for IC Block Diagrams.



5-6. SCHEMATIC DIAGRAM — AUDIO A/D SECTION (2/2) —



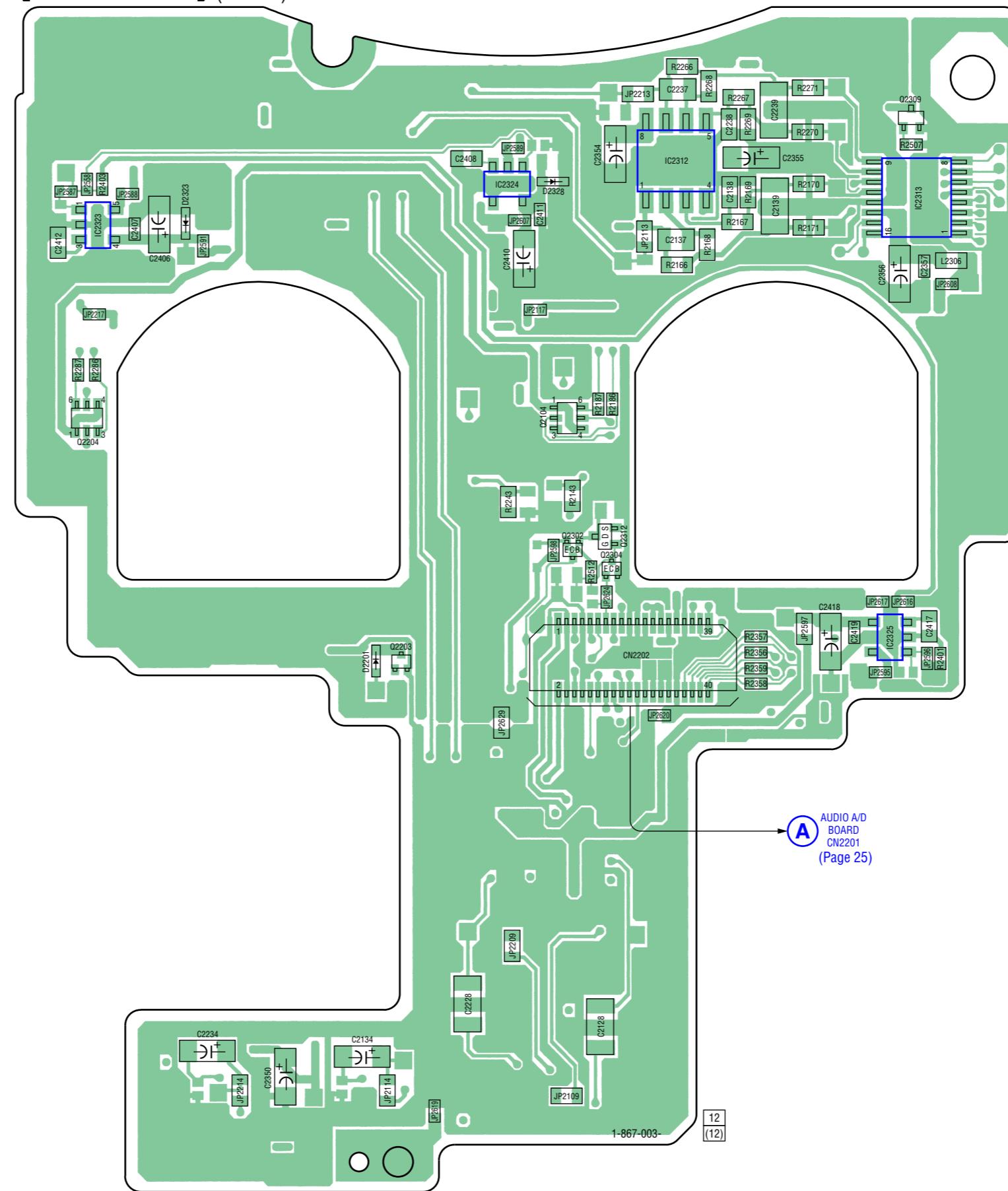
5-7. PRINTED WIRING BOARD — AUDIO D/A SECTION — • Refer to page 20 for Circuit Boards Location. • : Uses unleaded solder.

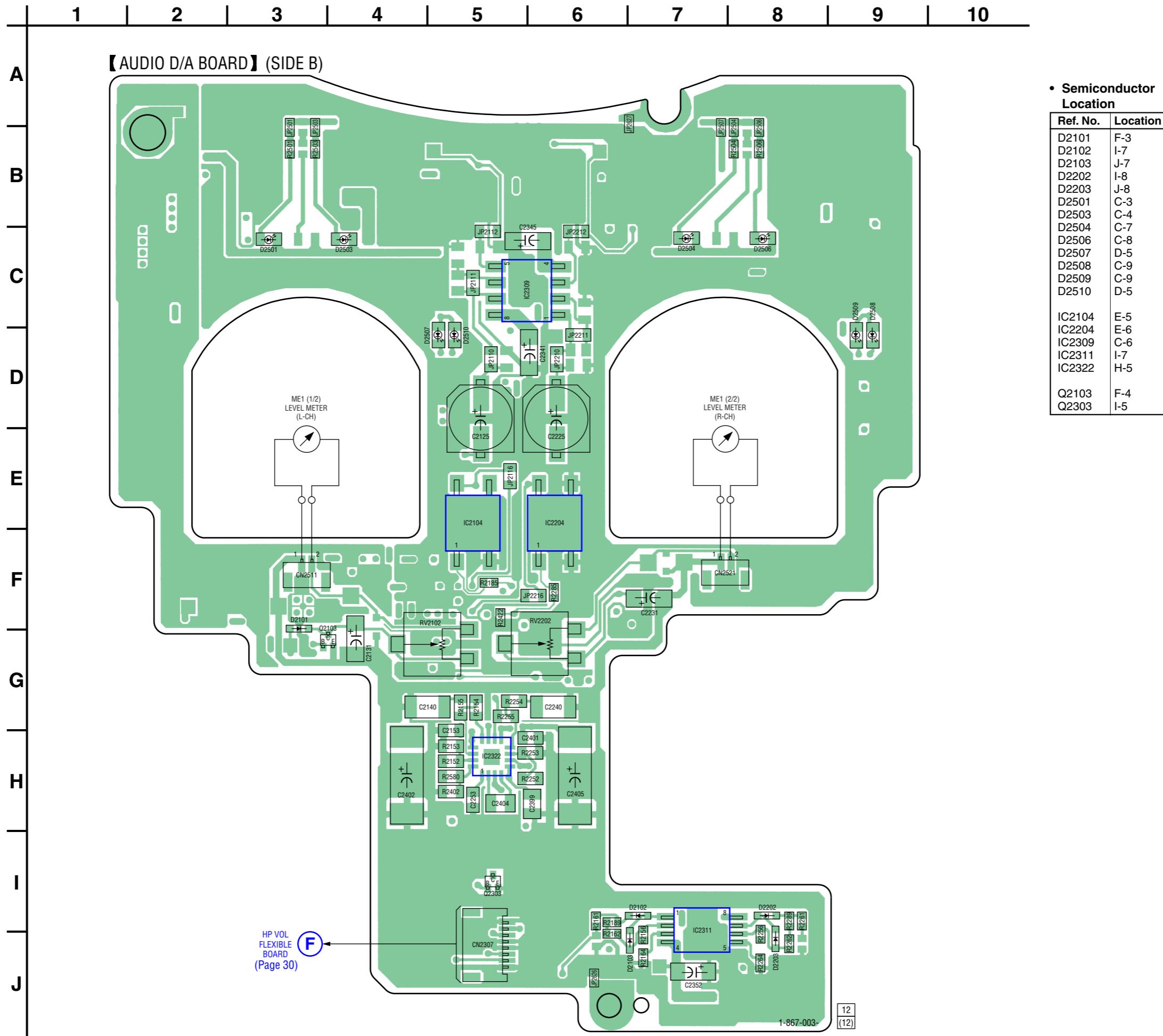
10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

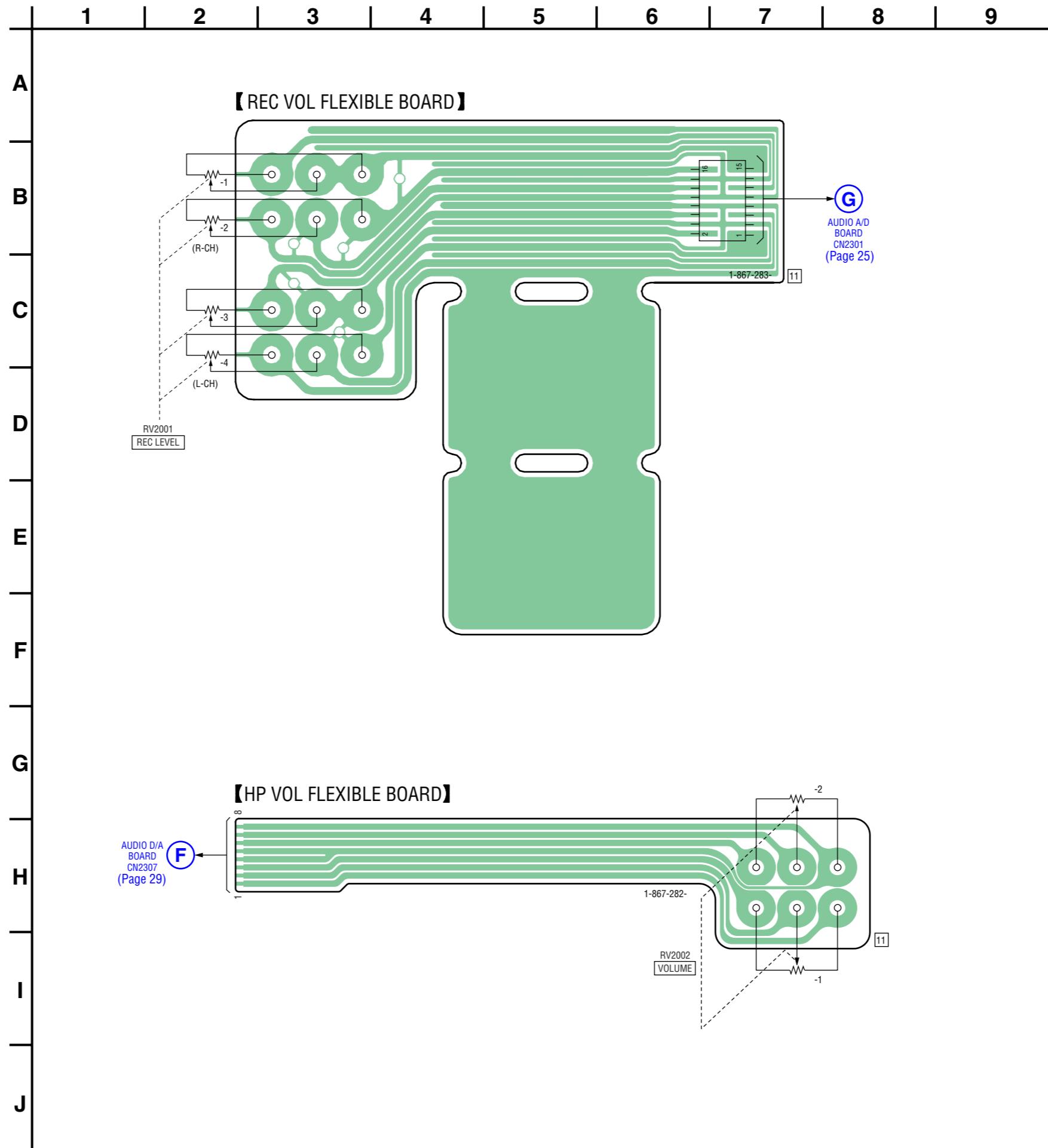
【AUDIO D/A BOARD】(SIDE A)

- Semiconductor Location

Ref. No.	Location
D2201	F-6
D2323	C-8
D2328	B-5
IC2312	B-4
IC2313	B-2
IC2323	C-9
IC2324	B-5
IC2325	F-2
Q2104	D-5
Q2203	F-6
Q2204	D-9
Q2302	E-5
Q2304	E-4
Q2309	B-2
Q2312	E-4



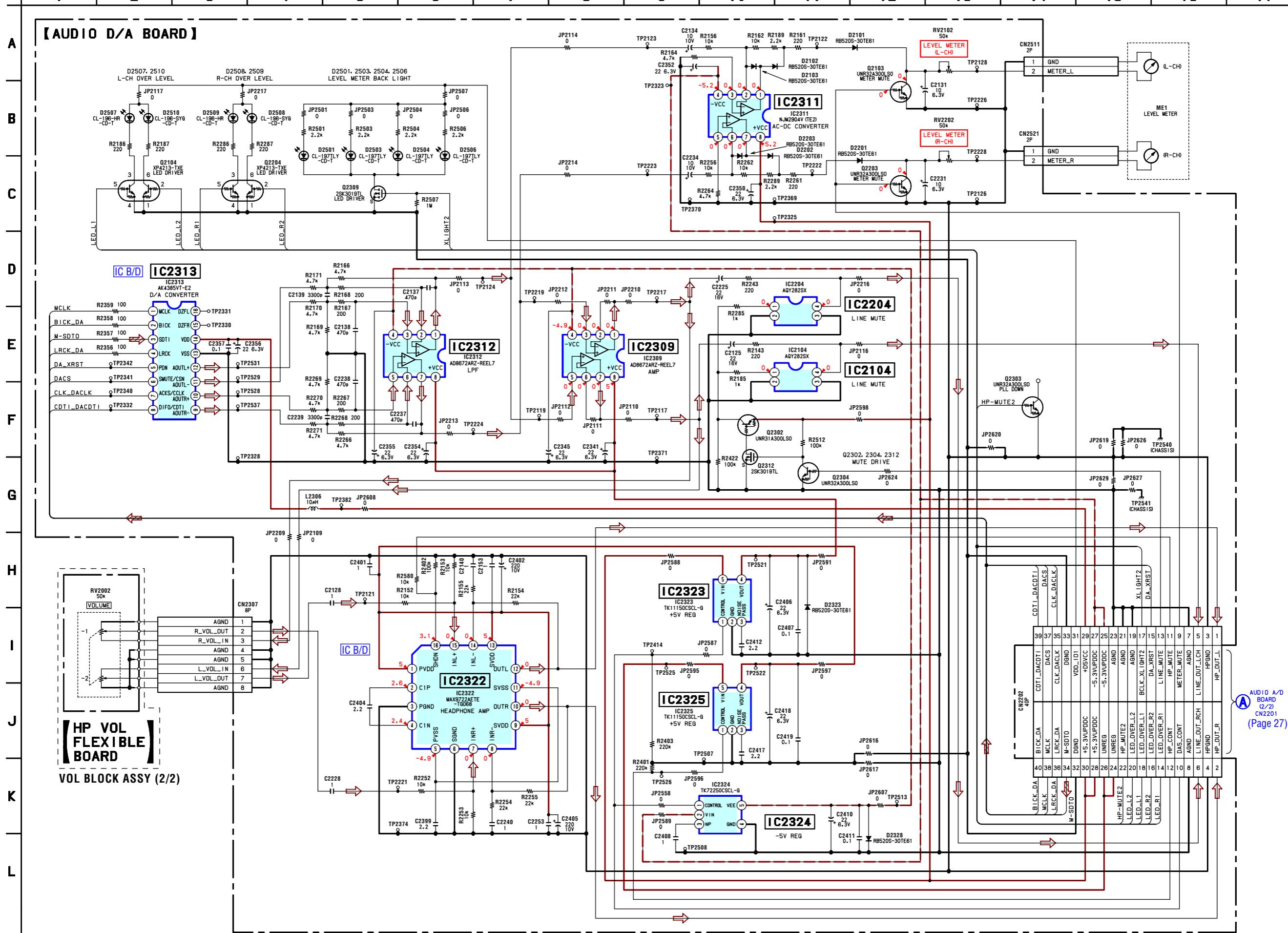


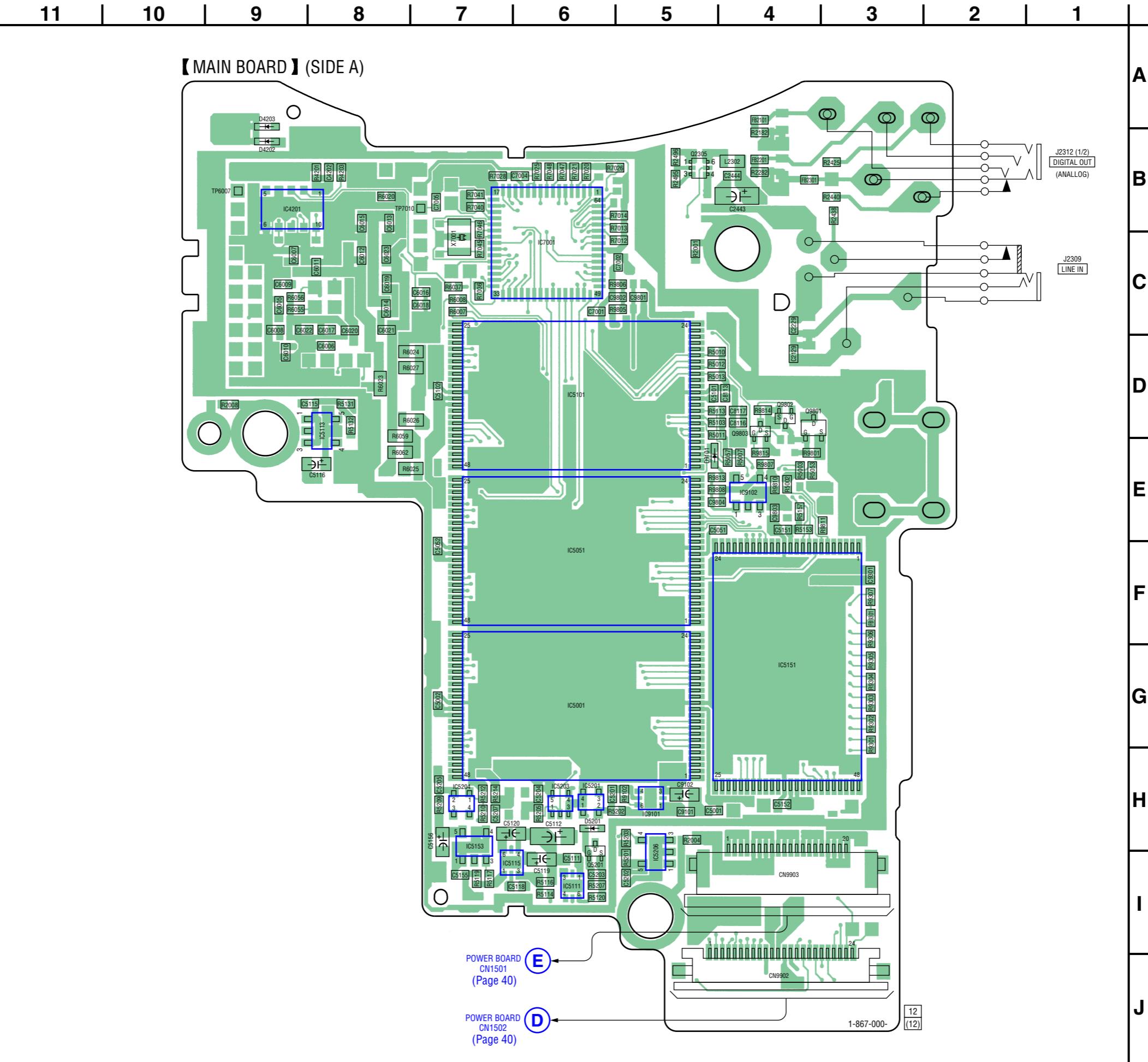
5-8. PRINTED WIRING BOARDS — REC/HP VOL FLEXIBLE SECTION (VOL BLOCK ASSY) — •  : Uses unleaded solder.

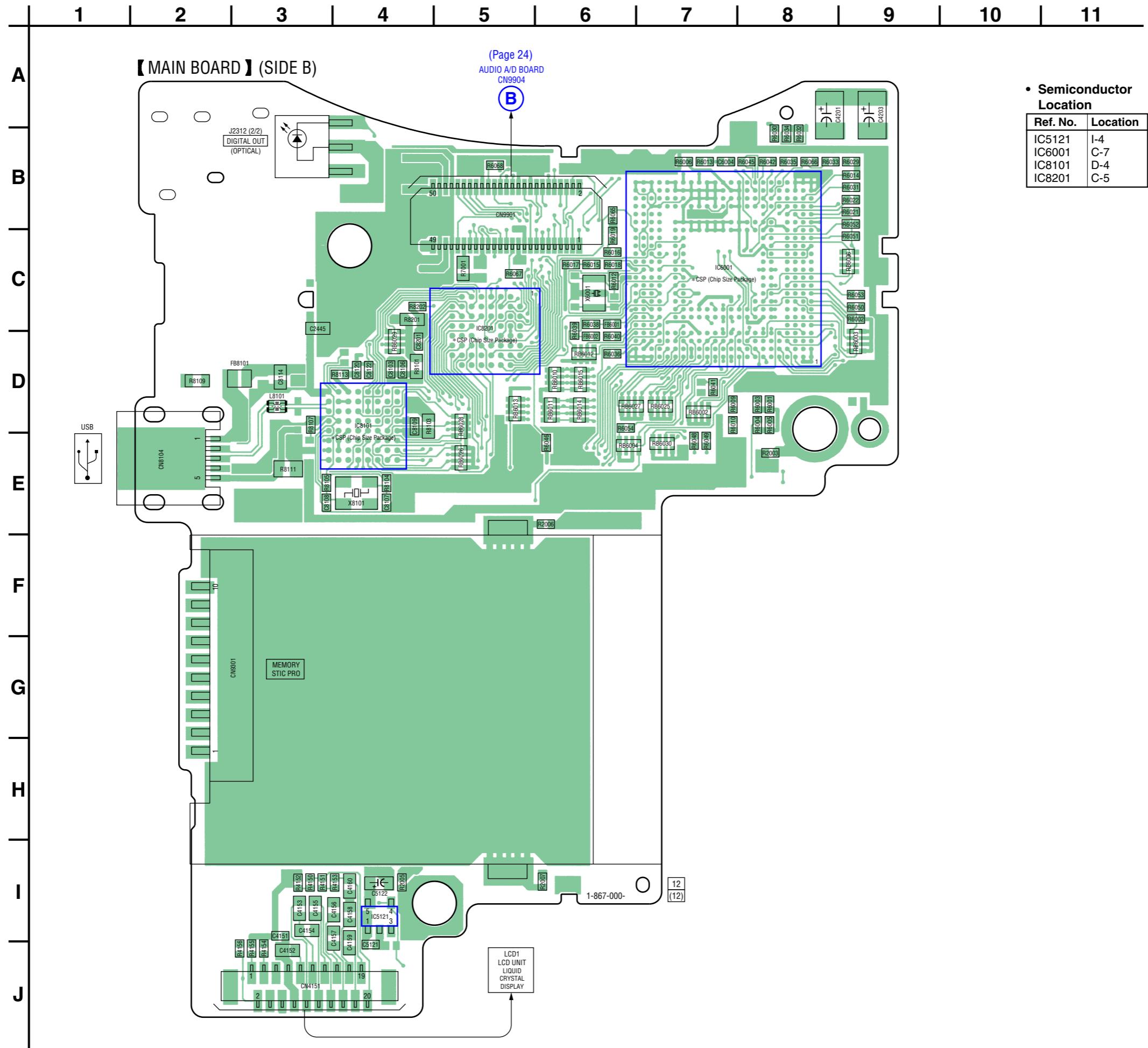
5-9. SCHEMATIC DIAGRAM — AUDIO D/A SECTION — • Refer to page 45 for IC Block Diagrams.

6.

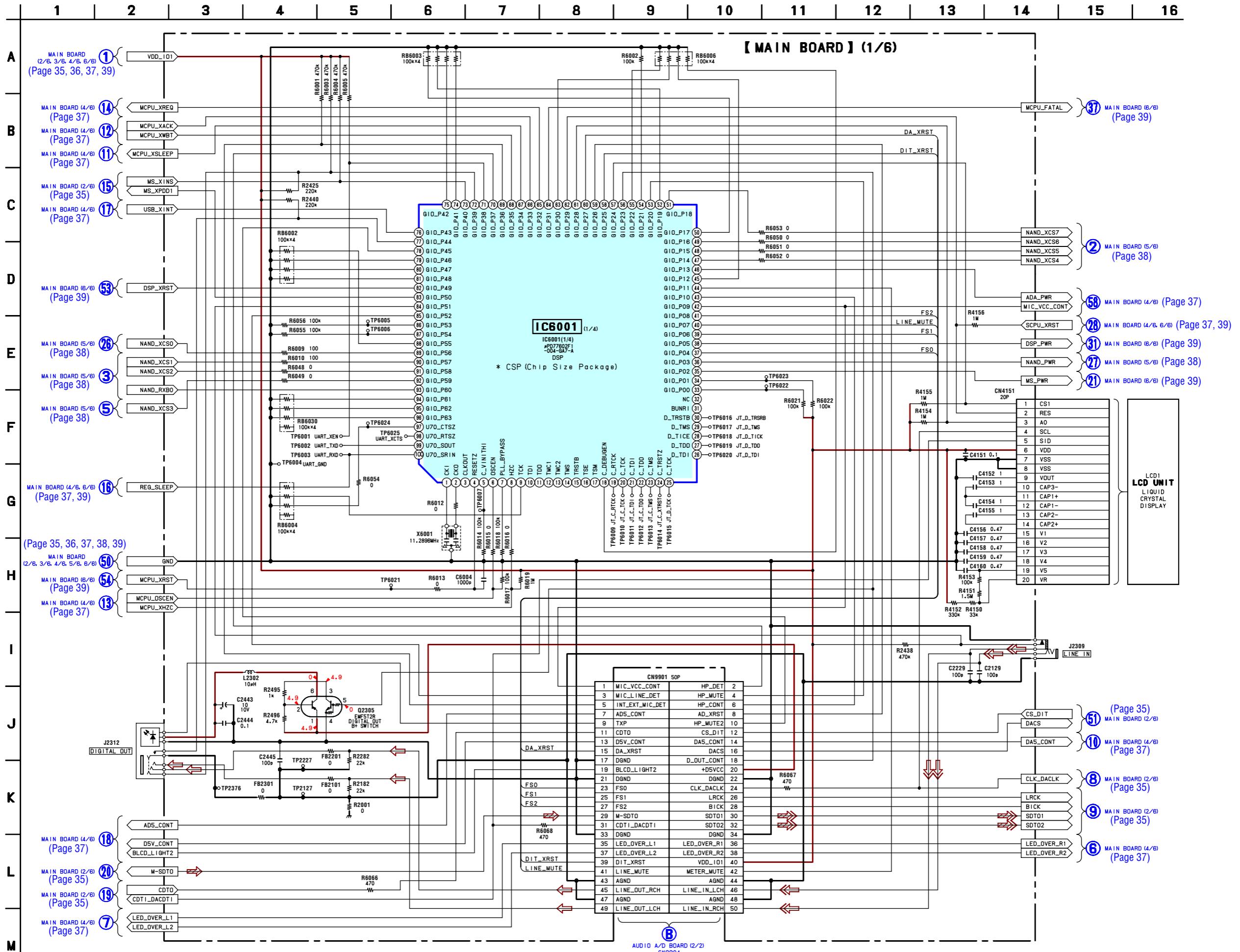
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17



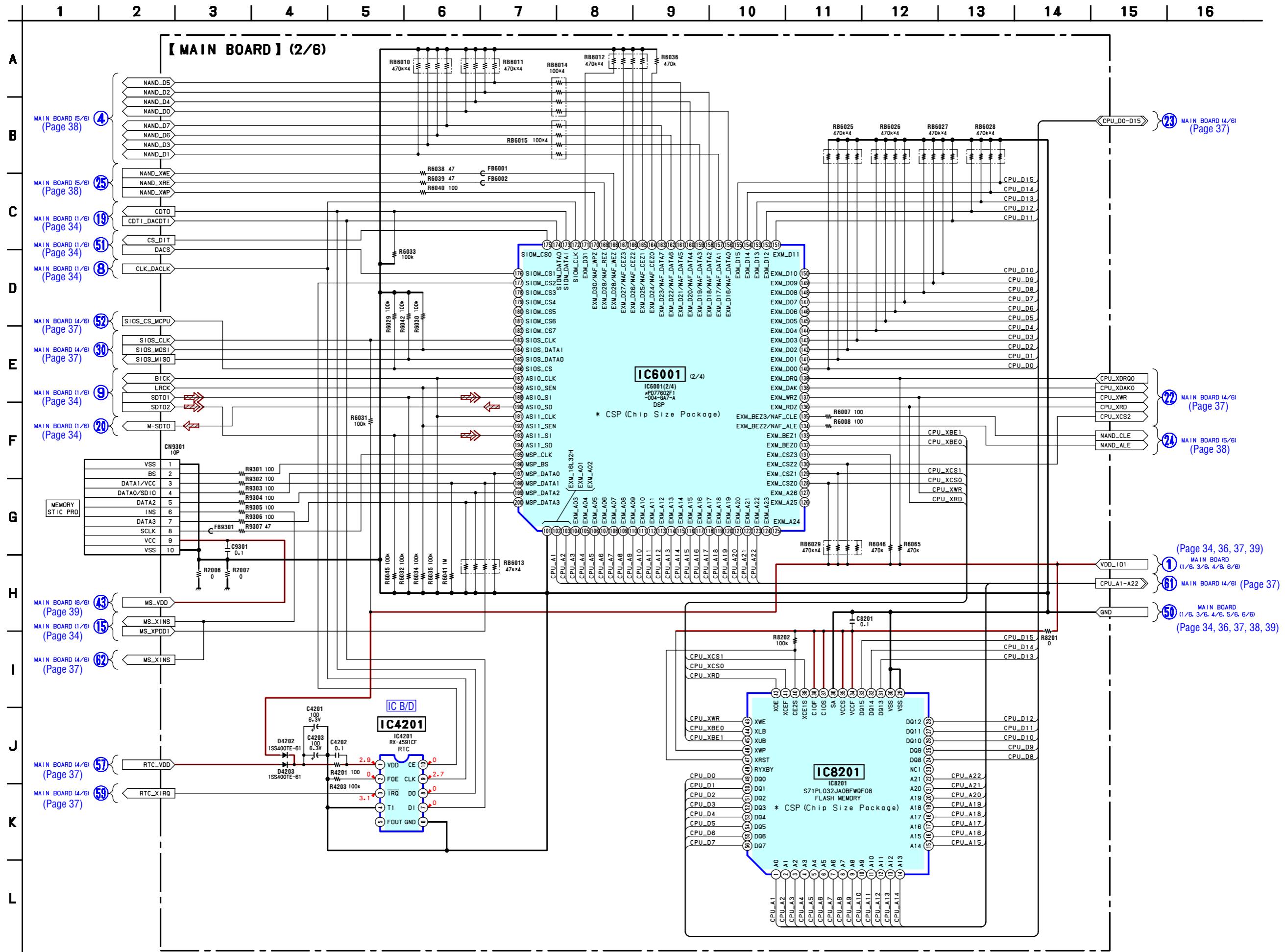
5-10. PRINTED WIRING BOARD — MAIN SECTION — • Refer to page 20 for Circuit Boards Location. •  : Uses unleaded solder.



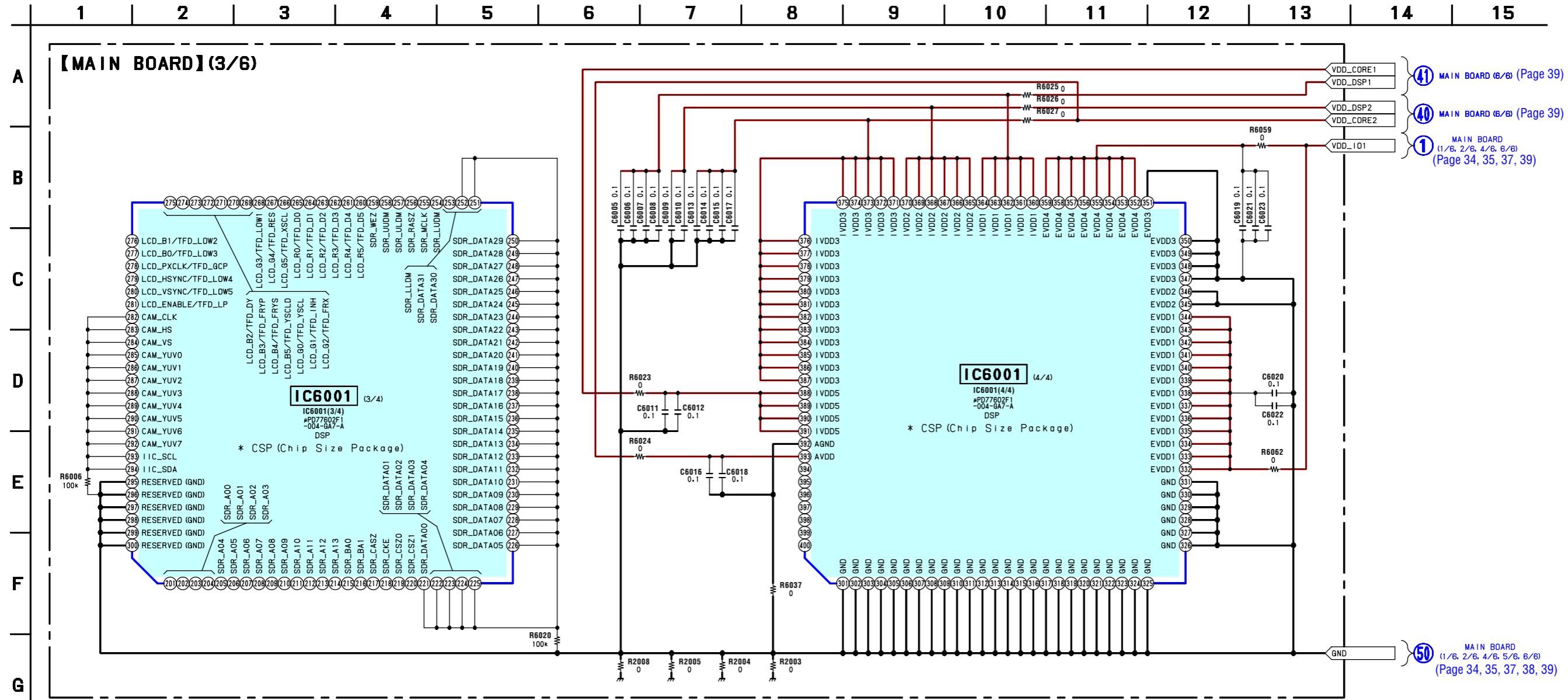
5-11. SCHEMATIC DIAGRAM — MAIN SECTION (1/6) —



5-12. SCHEMATIC DIAGRAM — MAIN SECTION (2/6) — • Refer to page 46 for IC Block Diagrams.

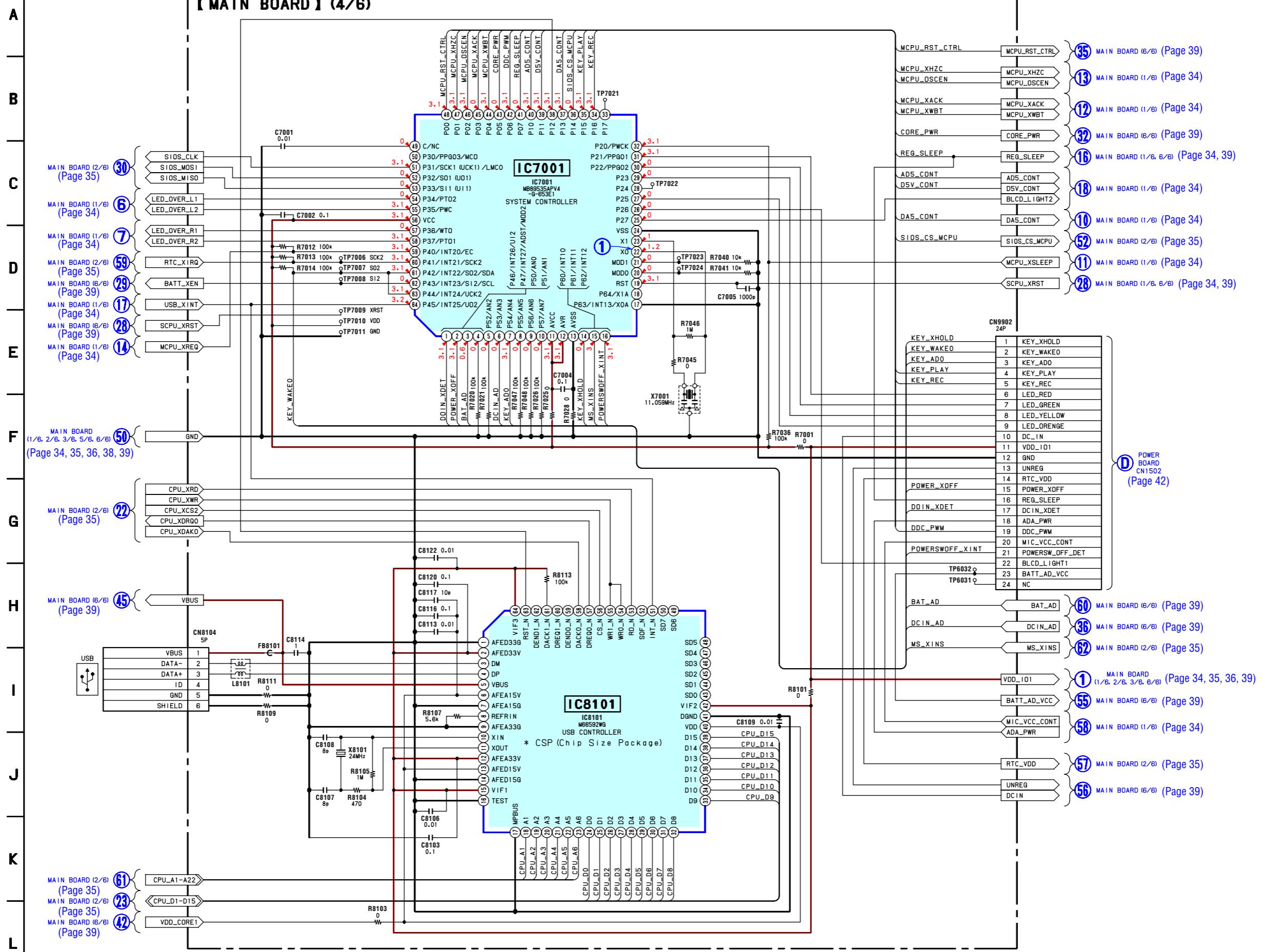


5-13. SCHEMATIC DIAGRAM — MAIN SECTION (3/6) —

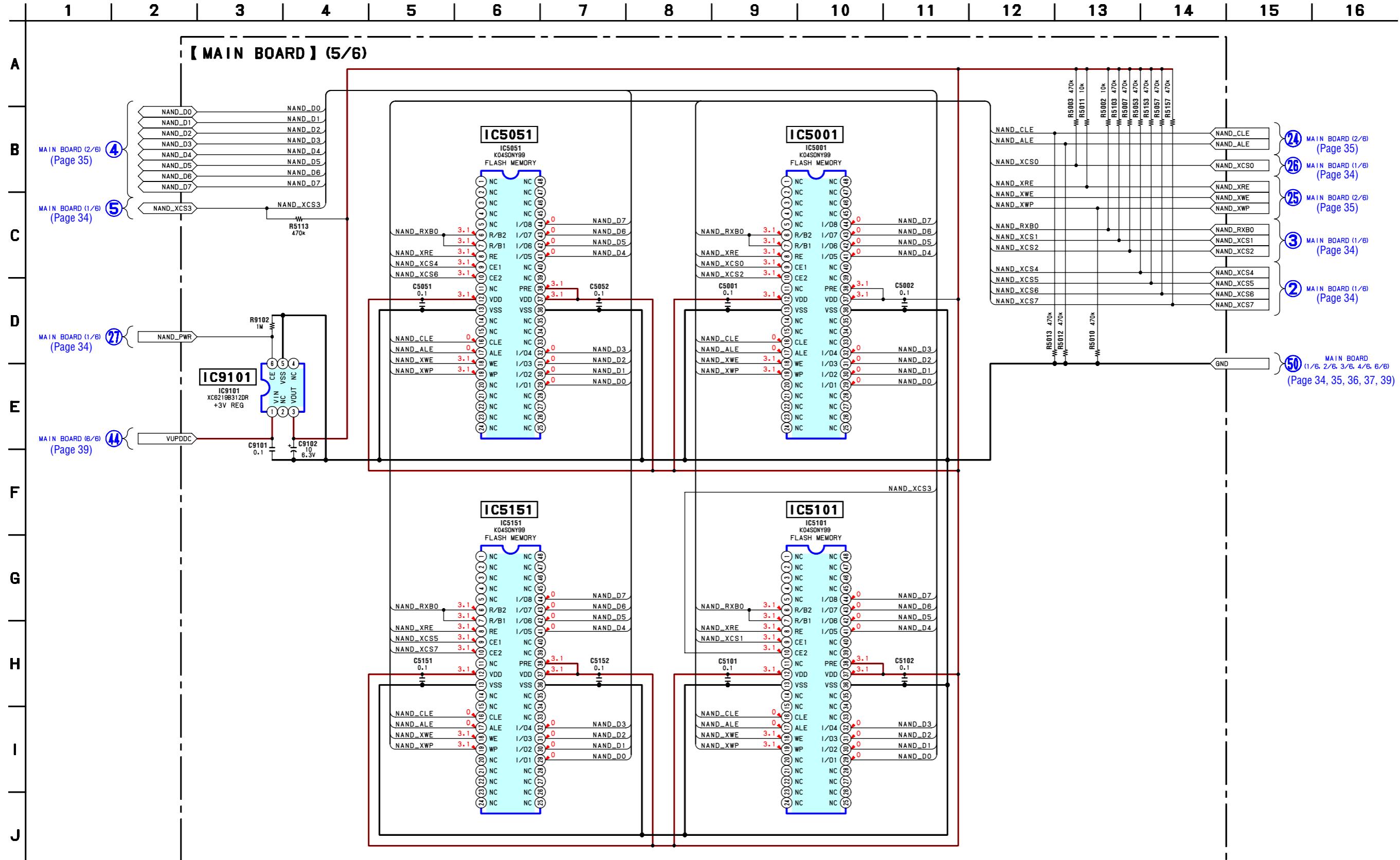


5-14. SCHEMATIC DIAGRAM — MAIN SECTION (4/6) — • Refer to page 19 for Waveform.

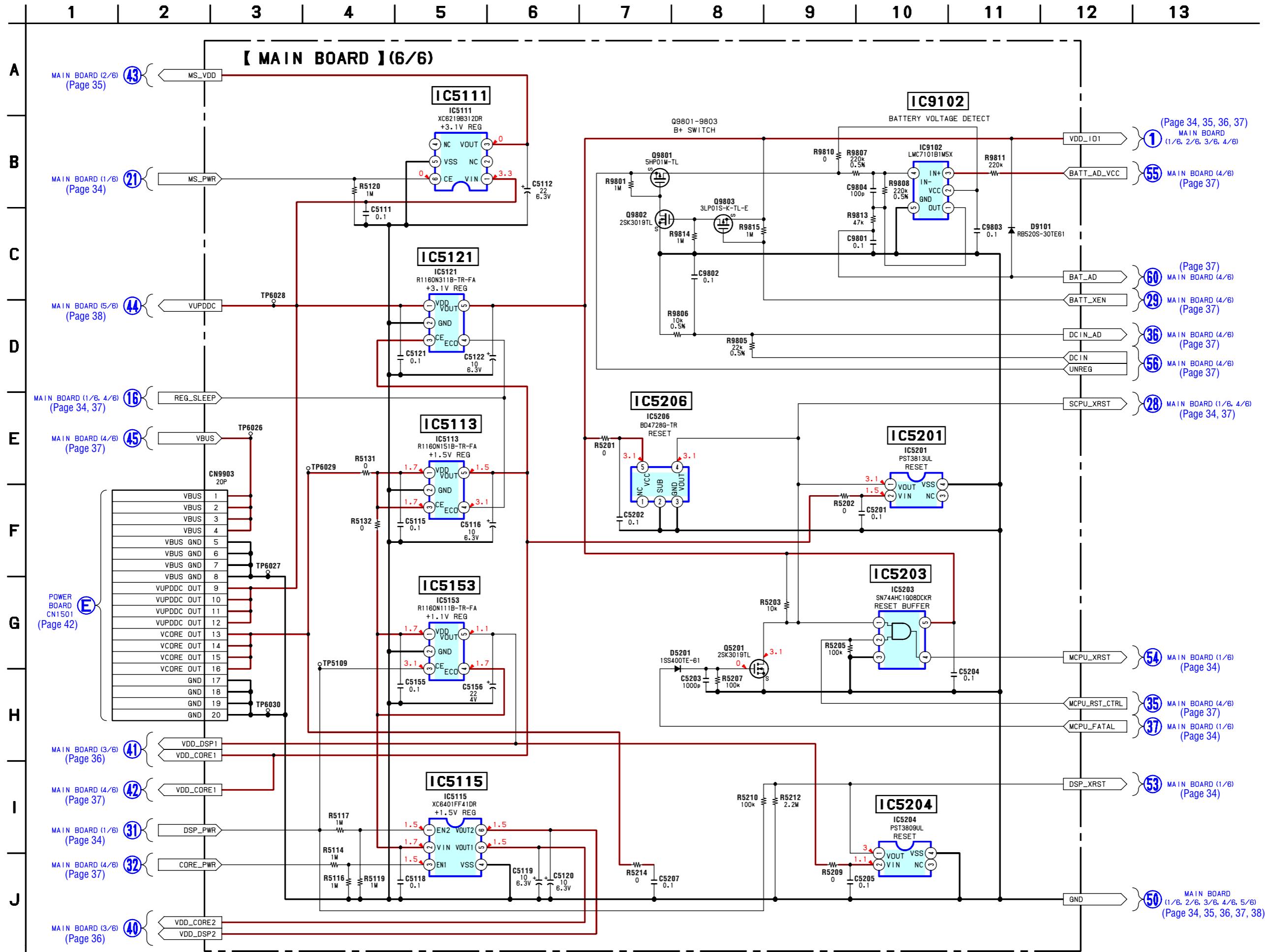
1 2 3 4 5 6 7 8 9 10 11 12 13 14



5-15. SCHEMATIC DIAGRAM — MAIN SECTION (5/6) —



5-16. SCHEMATIC DIAGRAM — MAIN SECTION (6/6) —

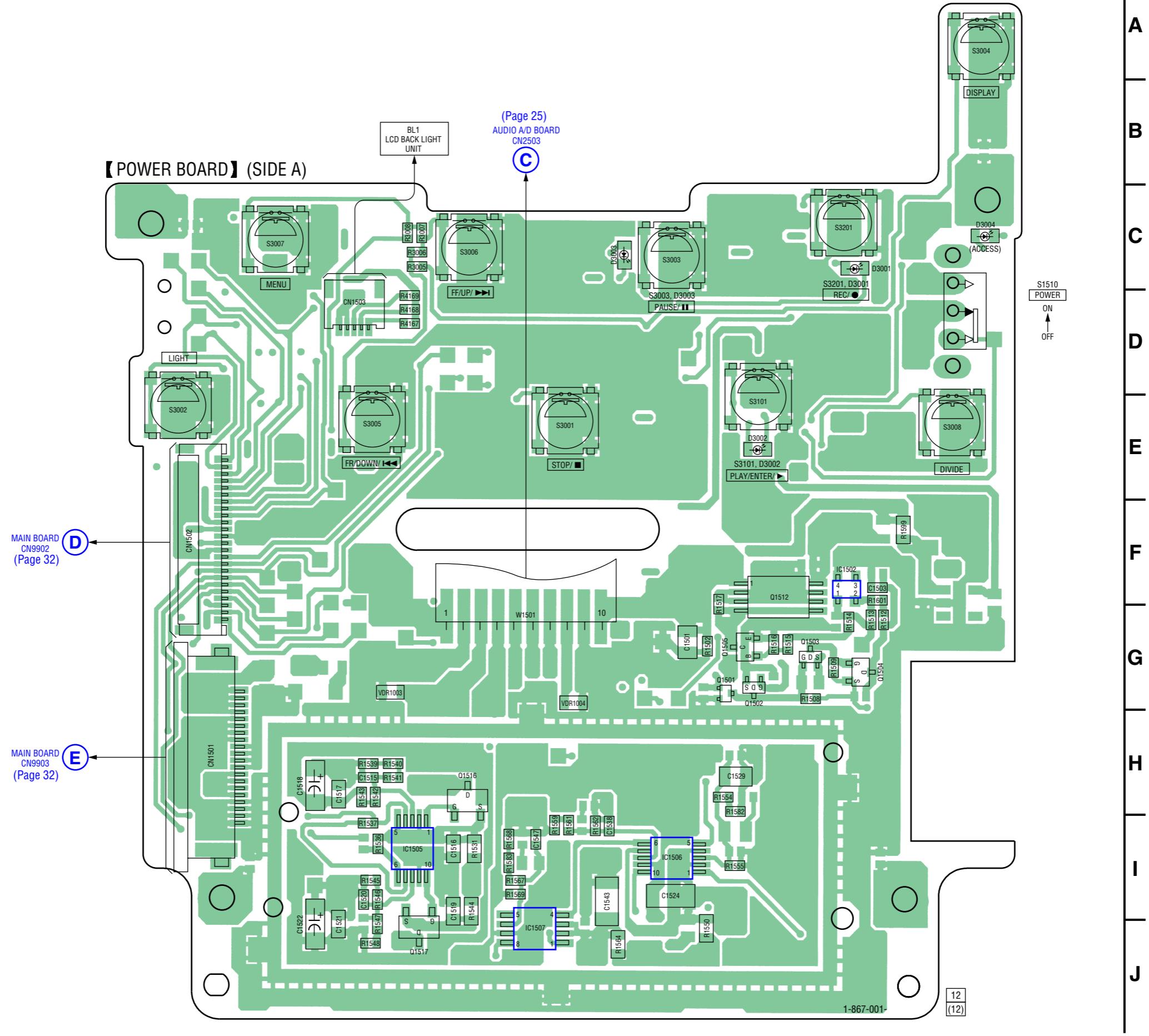


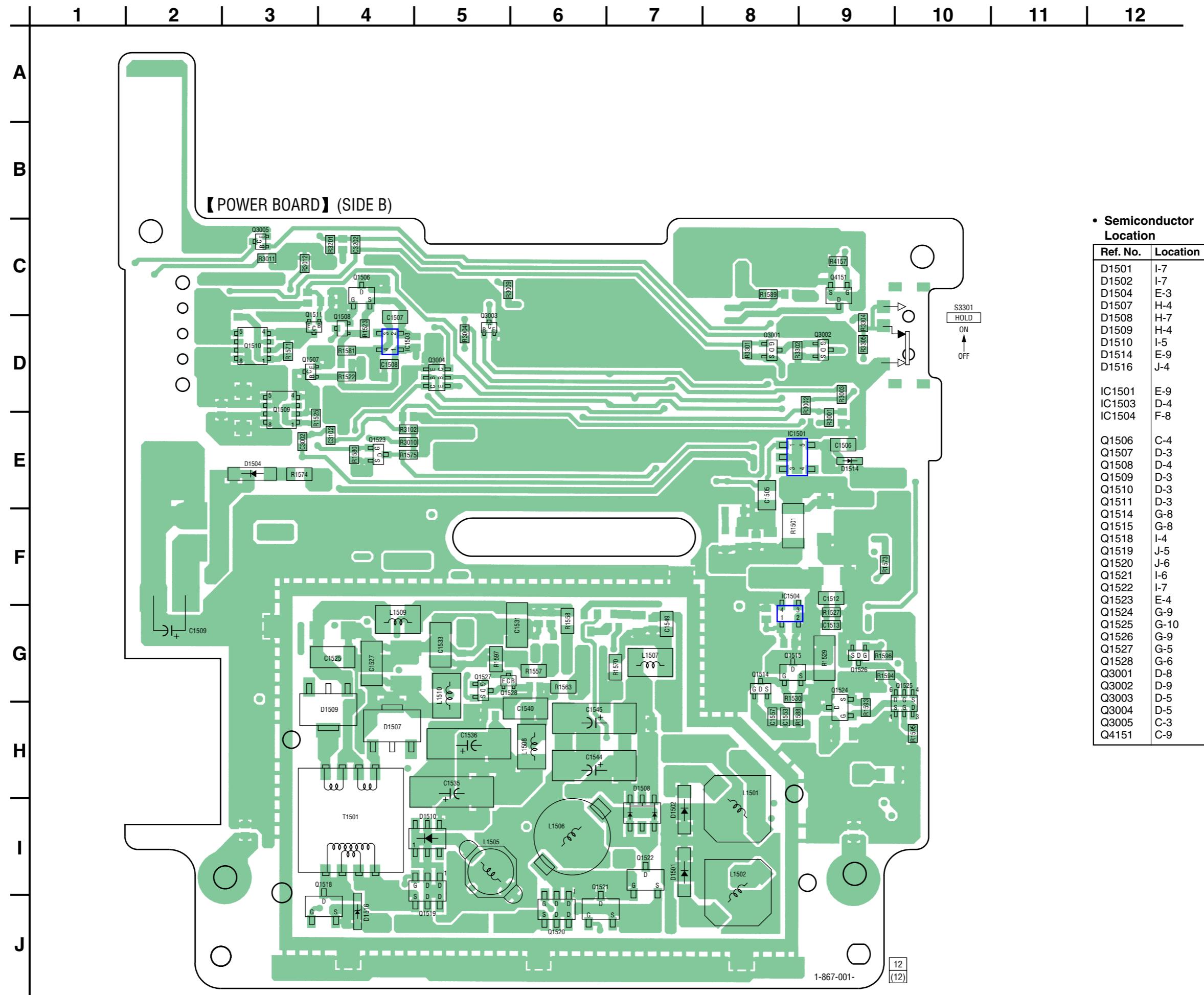
5-17. PRINTED WIRING BOARD — POWER SECTION — • Refer to page 20 for Circuit Boards Location. •  : Uses unleaded solder.

12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

• Semiconductor Location

Ref. No.	Location
D3001	C-3
D3002	E-4
D3003	C-6
D3004	C-2
IC1502	F-3
IC1505	I-8
IC1506	I-5
IC1507	J-6
Q1501	G-4
Q1502	G-4
Q1503	G-4
Q1504	G-3
Q1505	G-4
Q1512	F-4
Q1516	H-7
Q1517	J-7



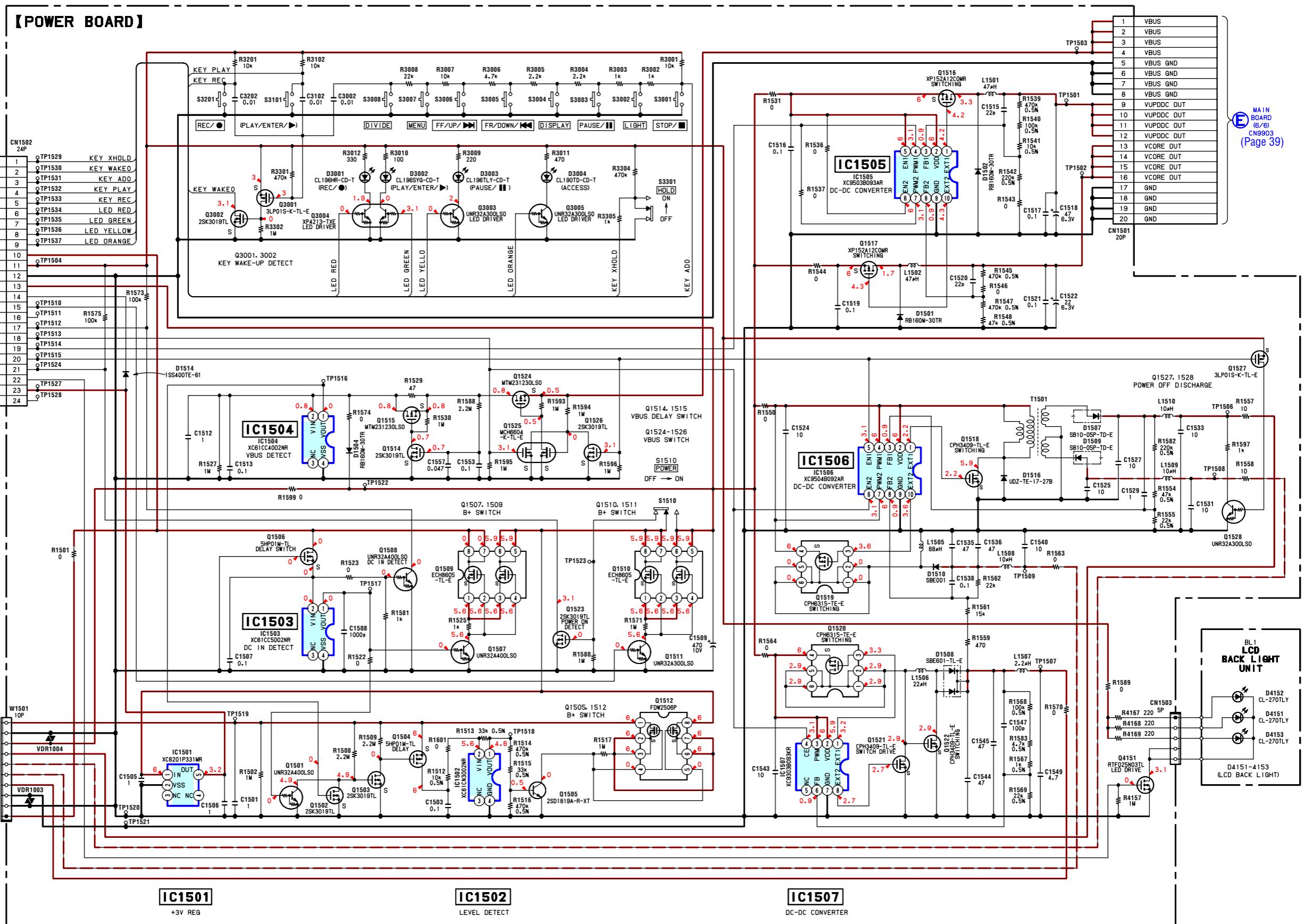


5-18. SCHEMATIC DIAGRAM — POWER SECTION —

2
e 37)

AUDIO A/D
BOARD
(2/2)
CN2503
(Page 27)

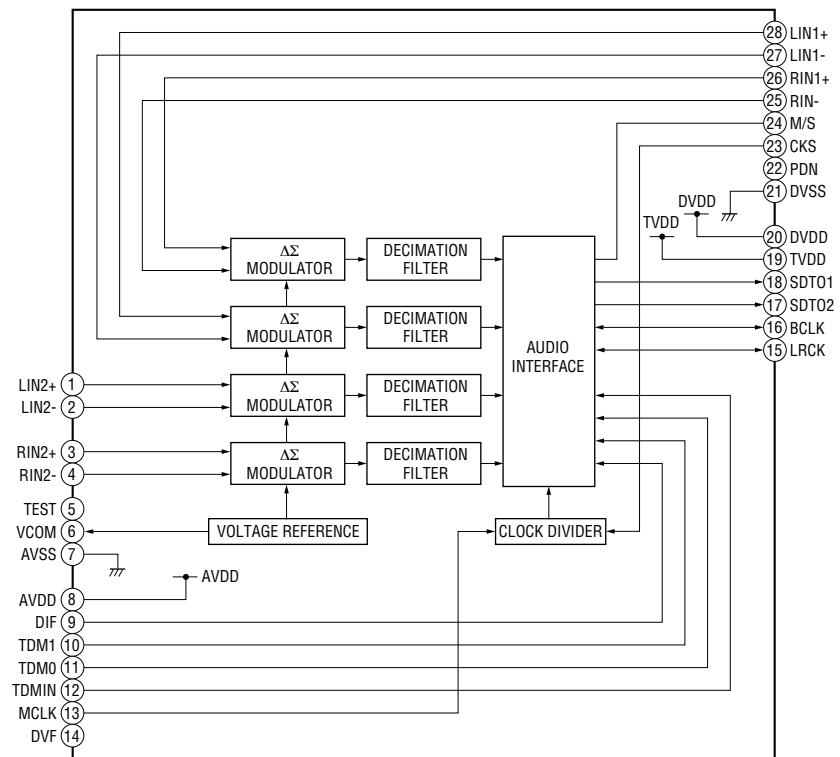
MAIN
BOARD
(6/6)
CN9903
(Page 39)



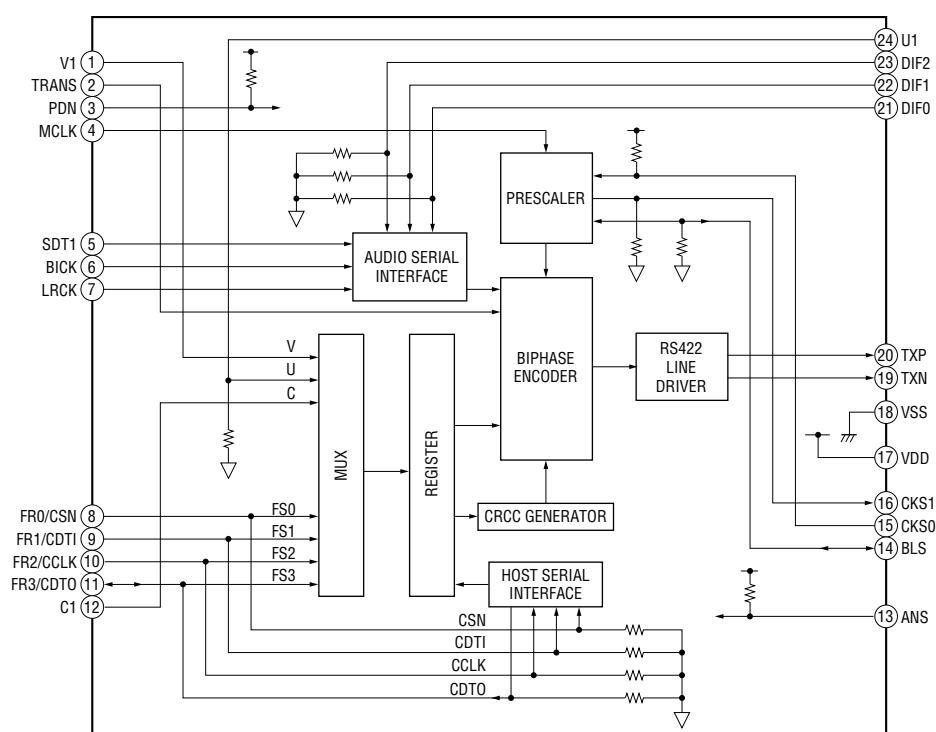
• IC BLOCK DIAGRAMS

— AUDIO A/D BOARD —

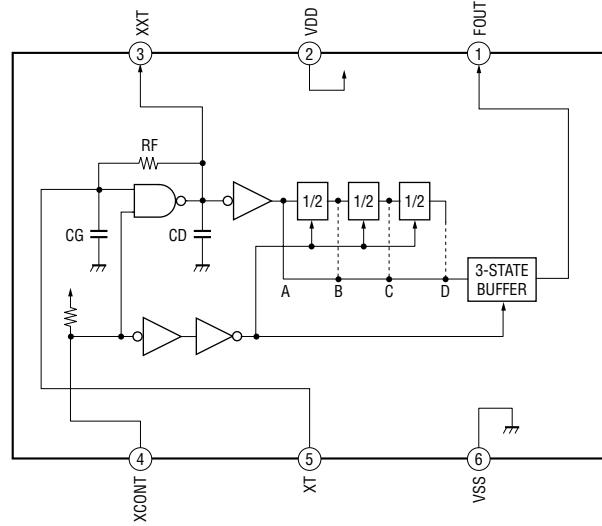
IC2301 AK5384VF



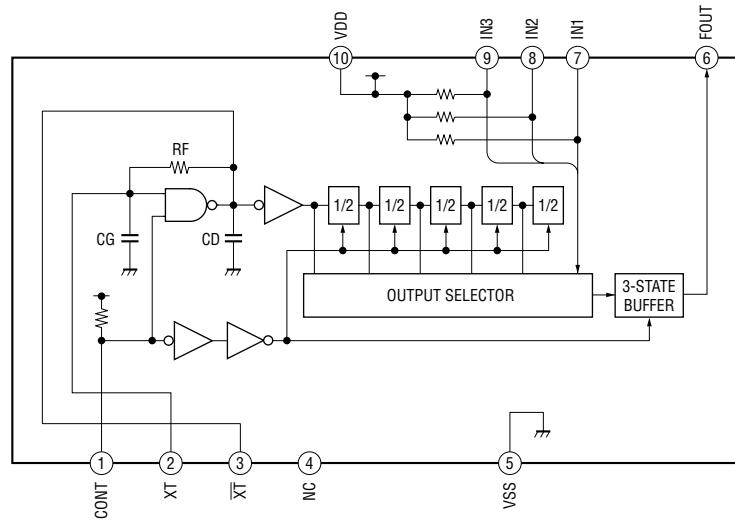
IC2302 AK4103AVF-E2



IC2306 NJU6366AF1(TE1)

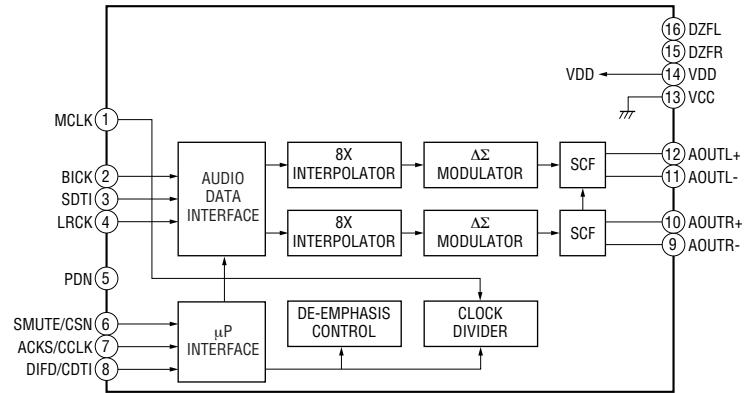


IC2307 NJU6311RB2(TE1)

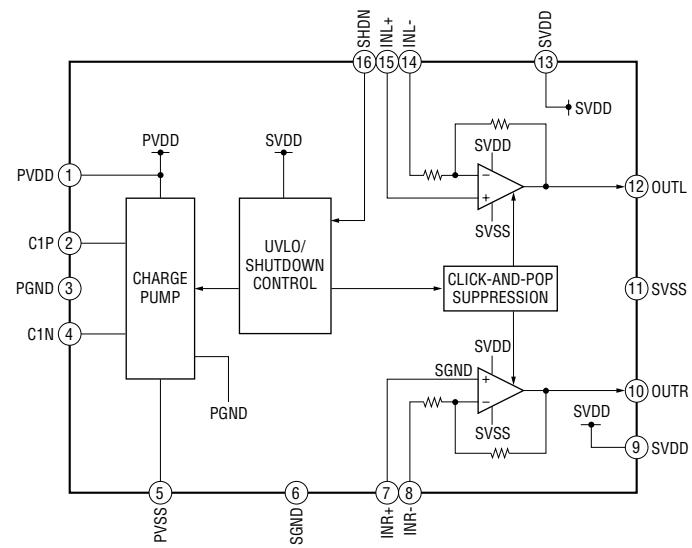


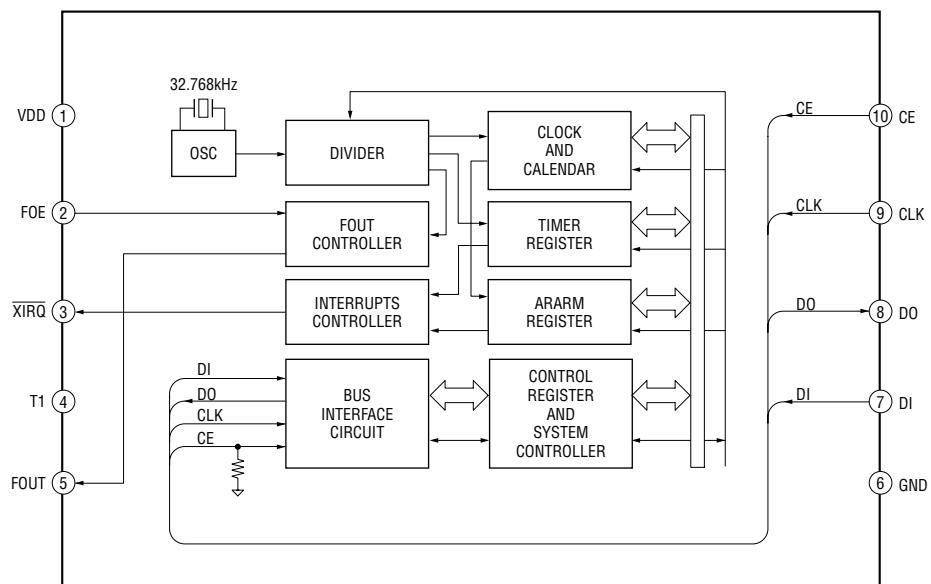
— AUDIO D/A BOARD —

IC2313 AK4385VT-E2



IC2322 MAX9722AETE+TG068



— MAIN BOARD —**IC4201 RX-4591CF**

SECTION 6

EXPLODED VIEWS

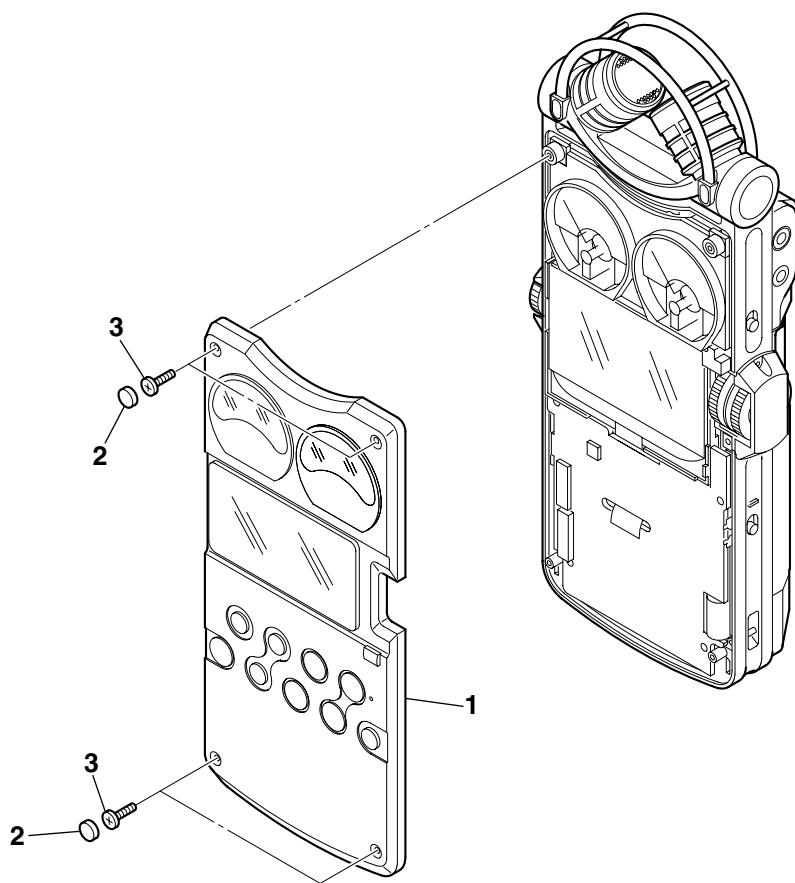
NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- XX and -X mean standardized parts, so they may have some difference from the original one.

- Color Indication of Appearance Parts
Example :
KNOB, BALANCE (WHITE) ... (RED)
↑ ↑
Parts Color Cabinet's Color
- Accessories are given in the last of this parts list.

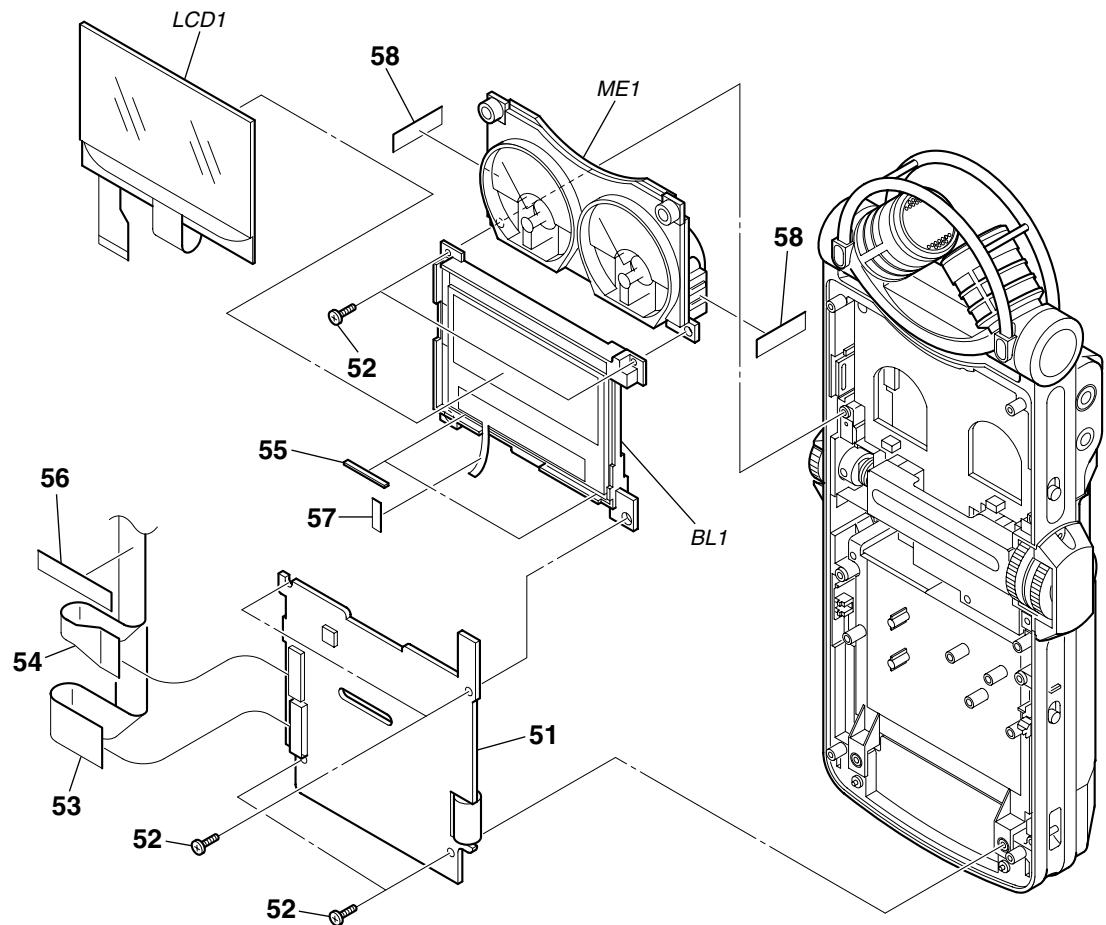
The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

6-1. FRONT PANEL SECTION



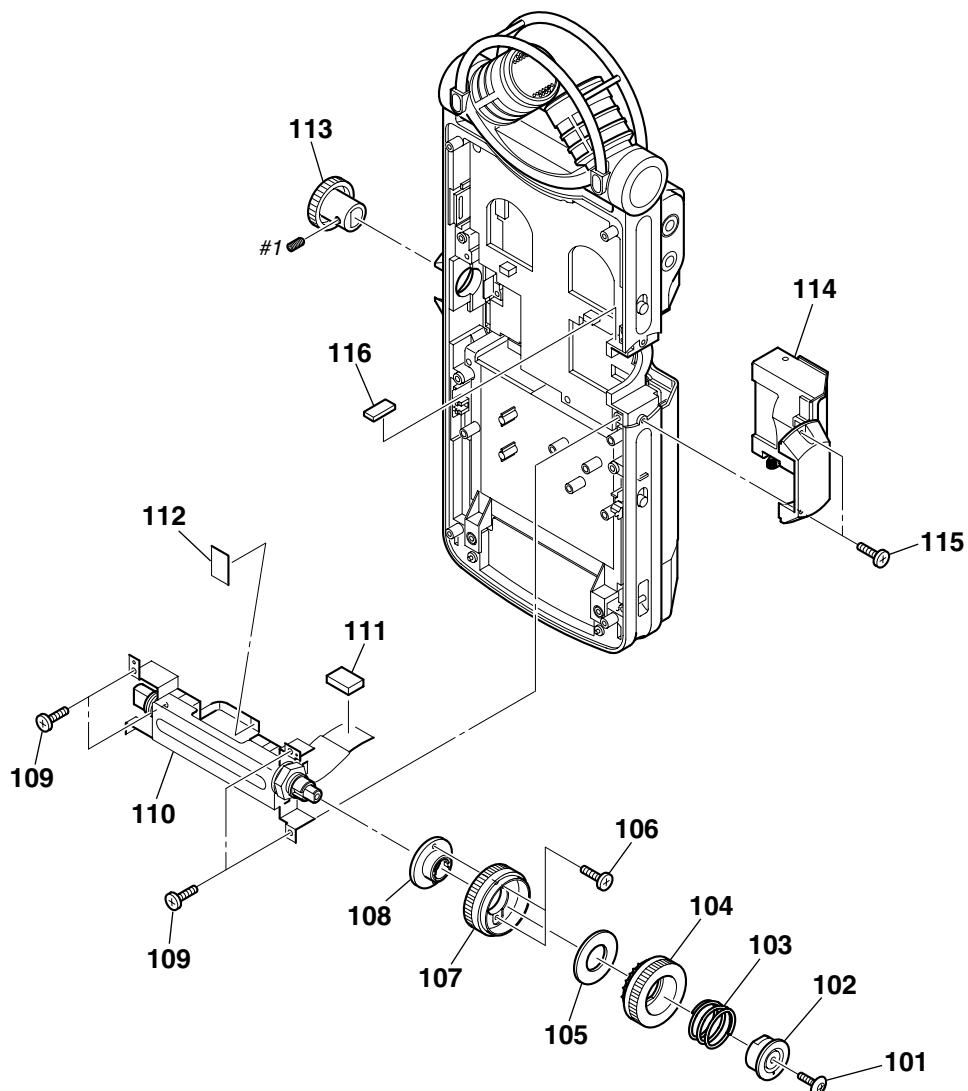
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	A-1161-885-A	PANEL (FRONT) BLOCK ASSY		3	3-254-148-01	SCREW (M1.7)	
2	2-631-771-01	CUSHION (PANEL)					

6-2. LCD SECTION



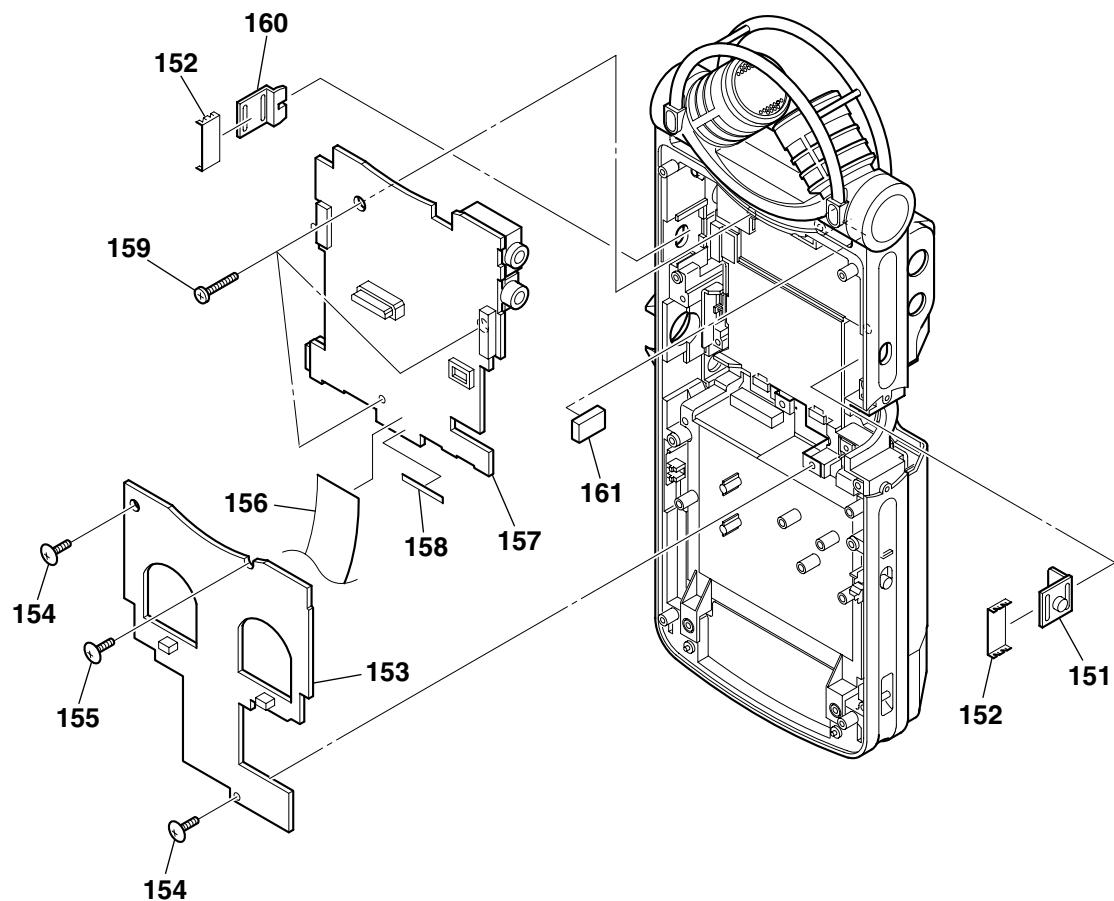
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	A-1161-884-A	POWER BOARD, COMPLETE		57	2-652-670-01	TAPE (LIGHT), UNWEAVED CLOTH	
52	3-057-082-21	SCREW (M1.7), P2		58	2-661-079-01	CUSHION (GUIDE)	
53	1-867-280-11	POWER FLEXIBLE BOARD		BL1	1-479-401-11	LIGHT UNIT, LCD BACK	
54	1-867-281-11	SIG FLEXIBLE BOARD		LCD1	1-479-390-11	LCD UNIT	
55	2-650-031-01	CUSHION (FIXED)		ME1	1-520-544-11	METER (VU)	
56	2-650-034-01	TAPE (FLEXIBLE), UNWEAVED CLOTH					

6-3. VOL SECTION



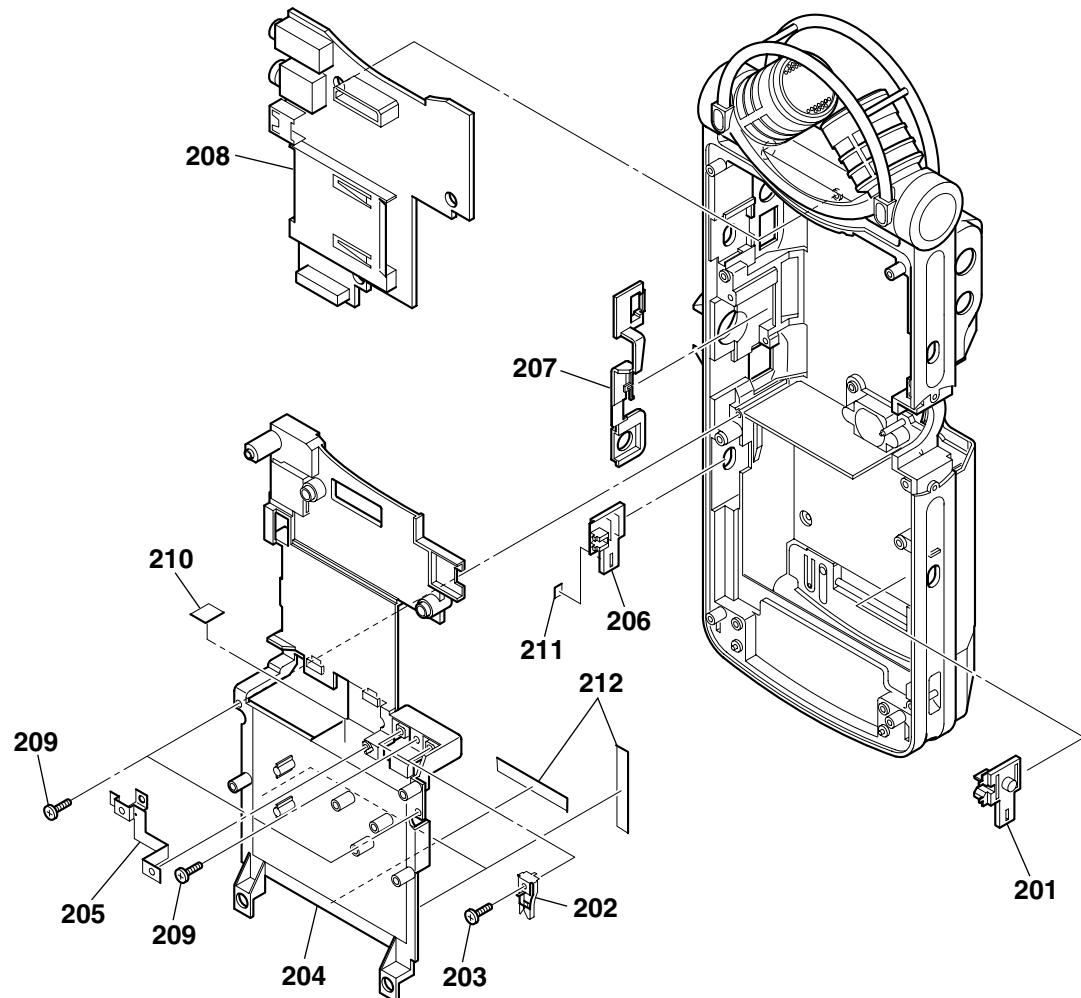
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	3-729-013-41	SCREW (M1.4X3.5), WASHER HEAD (+P)		110	A-1161-881-A	VOL BLOCK ASSY	
102	2-631-792-02	INNER (REC-R)		111	2-650-032-01	CUSHION (BB)	
103	2-634-593-02	SPRING (REC)		112	2-652-669-01	TAPE (VOL), UNWEAVED CLOTH	
104	2-631-790-02	KNOB (REC-R)		113	2-631-768-02	KNOB (VOL)	
105	2-631-793-01	PLATE, CLUTCH		114	A-1161-882-A	ORNAMENT (MS) BLOCK ASSY	
106	3-248-370-01	SCREW, SELF TAP		115	3-234-449-27	SCREW (M1.4)	
107	2-631-789-02	KNOB (REC-L)		116	2-656-651-01	SHEET (OBI)	
108	2-631-791-01	INNER (REC-L)		#1	7-621-737-08	SET-SCT, HEX. 2.6X3, FLAT POINT	
109	3-057-082-21	SCREW (M1.7), P2					

6-4. AUDIO (A/D) BOARD, AUDIO (D/A) BOARD SECTION



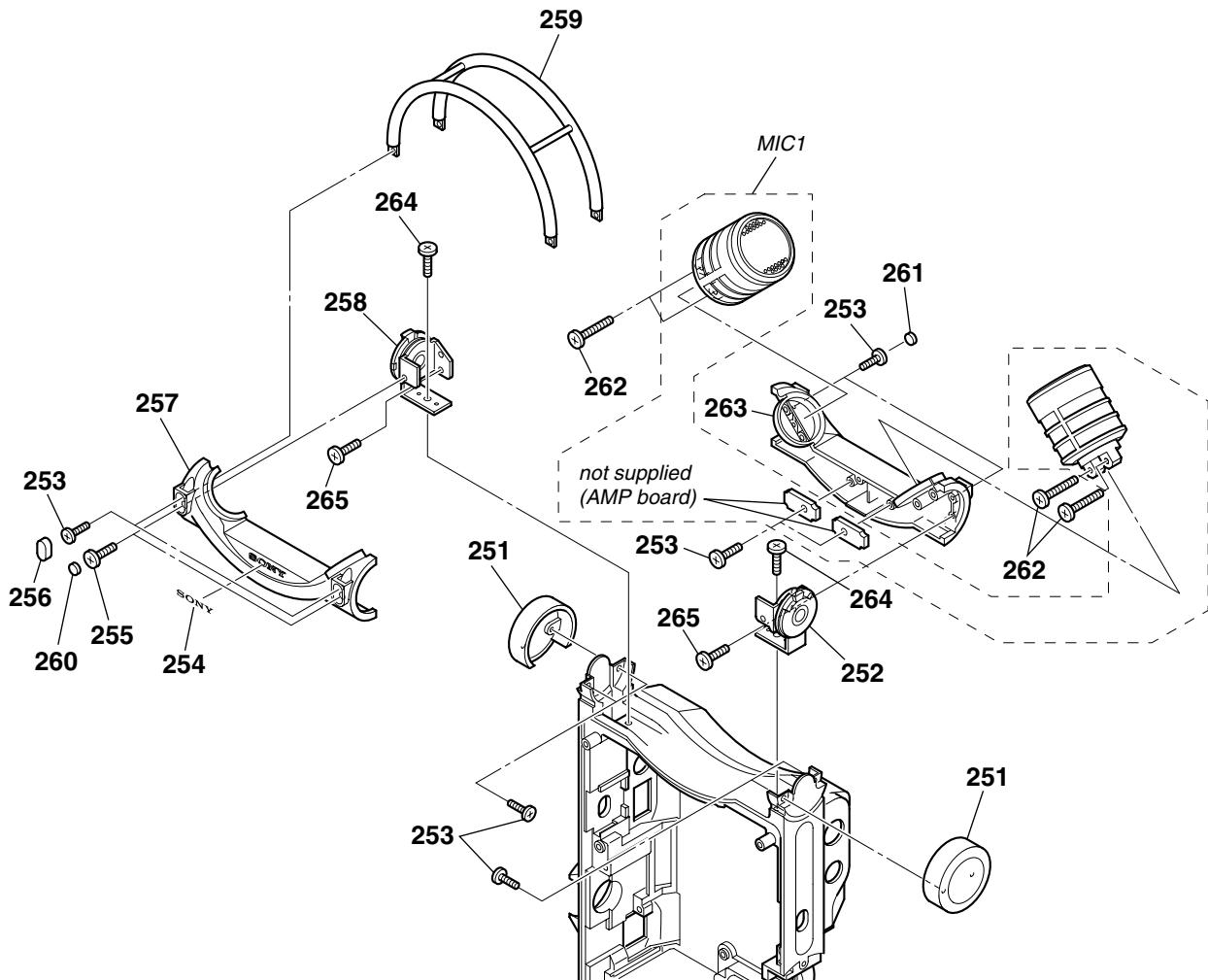
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	2-631-765-01	KNOB (LINE)		157	A-1161-878-A	AUDIO (A/D) BOARD, COMPLETE	
152	2-631-766-02	GUIDE (KNOB)		158	2-650-033-01	SHEET (PCB), ADHESIVE	
153	A-1161-880-A	AUDIO (D/A) BOARD, COMPLETE		159	4-645-214-72	GRIP, M2	
154	3-254-083-01	SCREW		160	2-631-764-01	KNOB (MIC ATT)	
155	2-165-442-02	SCREW (M1.7), SPECIAL HEAD		161	2-656-046-01	SPACER (JACK)	
156	1-830-643-11	CABLE, FLEXIBLE FLAT (10 CORE)					

6-5. MAIN BOARD SECTION



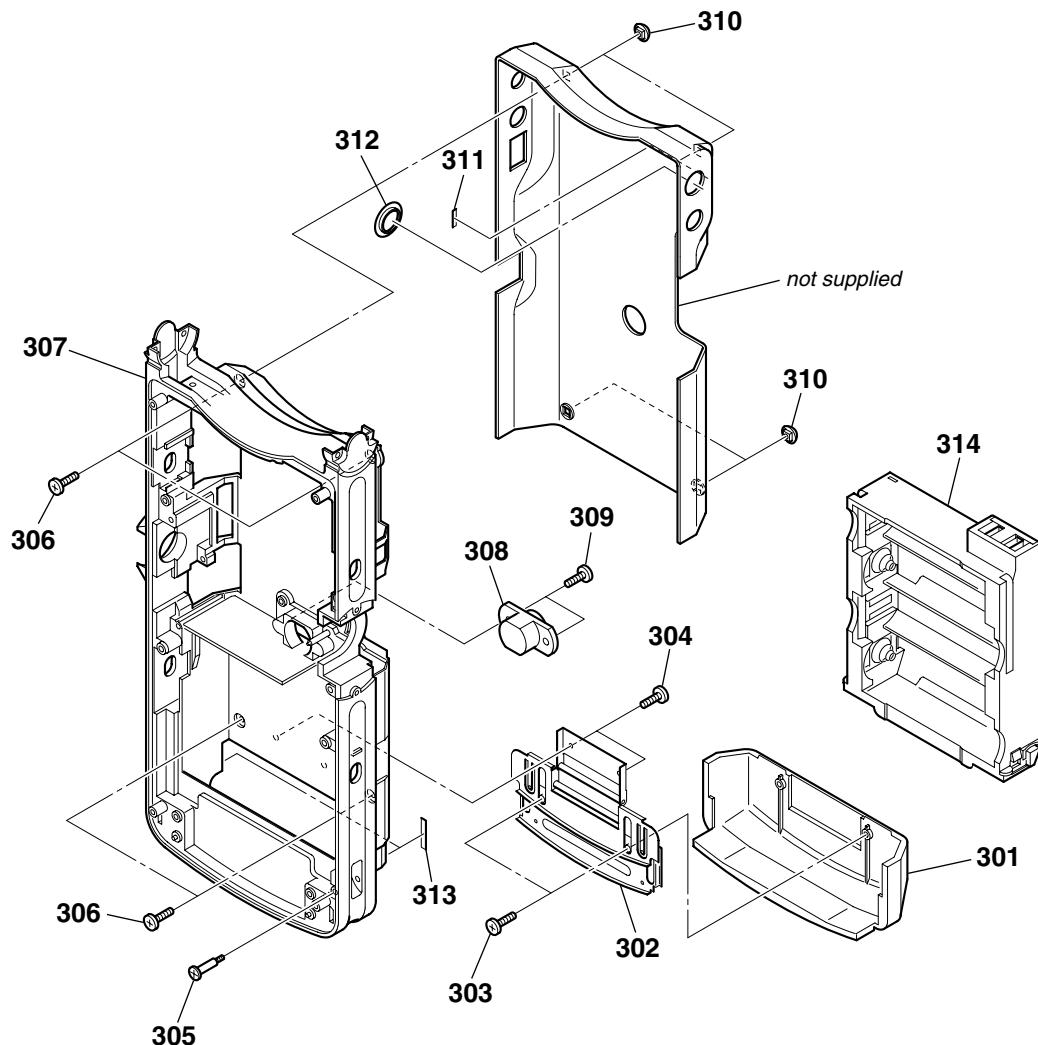
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201	2-631-769-02	KNOB (PW)		207	2-631-752-01	ESCUTCHEON (L)	
202	2-631-755-01	SPRING, CONTACT		208	A-1161-877-A	MAIN BOARD, COMPLETE	
203	3-254-014-01	SCREW		209	3-057-082-21	SCREW (M1.7), P2	
204	2-631-754-01	CHASSIS		210	3-261-081-01	SHEET (CONNECTOR)	
205	2-631-761-01	PLATE, GROUND		211	2-653-754-01	SHEET (HOLD)	
206	2-631-770-02	KNOB (HOLD)		212	2-669-517-01	SHEET (CHASSIS)	

6-6. MIC SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	2-631-762-02	ORNAMENT (MIC)		259	2-631-775-01	GUARD (MIC)	
252	X-2059-546-1	STAY (R) ASSY, MICROPHONE		260	2-650-593-01	SPACER (MIC-F)	
253	3-234-449-27	SCREW (M1.4)		261	2-650-592-01	CUSHION (MIC-R)	
254	2-631-774-02	EMBLEM, SONY		262	3-234-449-47	SCREW (M1.4)	
255	3-254-148-01	SCREW (M1.7)		263	2-631-773-02	CASE (MIC-R)	
256	2-650-591-01	CUSHION (MIC-F)		264	3-057-082-21	SCREW (M1.7), P2	
257	2-631-772-02	CASE (MIC-F)		265	3-078-893-11	O PLATE +P2 MAIN EG GRIP M1.7	
258	X-2059-545-1	STAY (L) ASSY, MICROPHONE		MIC1	1-542-647-11	MICROPHONE, ELECTRET CONDENSER	

6-7. REAR PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
301	2-631-746-02	LID, BATTERY CASE		308	2-631-745-01	FIXED, TRIPOD	
302	X-2059-732-2	PLATE ASSY, CASE LID SWITCHING		309	3-057-082-21	SCREW (M1.7), P2	
303	3-254-014-01	SCREW		310	2-631-751-01	FOOT (REAR)	
304	3-225-873-19	SCREW (M1.4)		311	2-650-033-01	SHEET (PCB), ADHESIVE	
305	2-631-749-01	SHAFT (STRAP)		312	2-631-753-01	ESCUTCHEON (R)	
306	3-254-148-01	SCREW (M1.7)		313	2-652-804-01	SHEET (BATTERY CASE LID)	
* 307	2-631-744-02	BELT, ORNAMENTAL		314	A-1161-886-A	BOX BLOCK ASSY, BATT	

SECTION 7

ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- **RESISTORS**

All resistors are in ohms.

METAL: Metal-film resistor.

METAL OXIDE: Metal oxide-film resistor.

F: nonflammable

- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- **SEMICONDUCTORS**
In each case, u : μ , for example:
uA.. : μ A.. uPA.. : μ PA..
uPB.. : μ PB.. uPC.. : μ PC.. uPD.. : μ PD..
- **CAPACITORS**
uF : μ F
- **COILS**
uH : μ H

The components identified by mark \triangle or dotted line with mark. \triangle are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark			
A-1161-878-A						C2313	1-107-820-11	CERAMIC CHIP	0.1uF	16V				

< CAPACITOR >														
C2101	1-127-959-21	FILM CHIP	100PF	5%	50V	C2320	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V			
C2102	1-112-315-11	ELECT	22uF	20%	16V	C2321	1-107-820-11	CERAMIC CHIP	0.1uF	16V				
C2103	1-135-856-11	TANTAL. CHIP	100uF	20%	10V	C2323	1-107-820-11	CERAMIC CHIP	0.1uF	16V				
C2104	1-112-315-11	ELECT	22uF	20%	16V	C2325	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V			
C2105	1-112-315-11	ELECT	22uF	20%	16V	C2326	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V			
C2106	1-127-965-21	FILM CHIP	0.001uF	5%	50V	C2327	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V			
C2107	1-112-315-11	ELECT	22uF	20%	16V	C2328	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V			
C2108	1-127-963-21	FILM CHIP	470PF	5%	50V	C2329	1-107-820-11	CERAMIC CHIP	0.1uF	16V				
C2109	1-112-315-11	ELECT	22uF	20%	16V	C2330	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V			
C2110	1-100-663-11	TANTAL. CHIP	22uF	20%	10V	C2331	1-164-845-11	CERAMIC CHIP	5PF	0.25PF	50V			
C2111	1-100-663-11	TANTAL. CHIP	22uF	20%	10V	C2332	1-164-845-11	CERAMIC CHIP	5PF	0.25PF	50V			
C2112	1-127-965-21	FILM CHIP	0.001uF	5%	50V	C2335	1-107-820-11	CERAMIC CHIP	0.1uF	16V				
C2115	1-100-663-11	TANTAL. CHIP	22uF	20%	10V	C2336	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V			
C2116	1-127-967-21	FILM CHIP	0.0022uF	5%	50V	C2338	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V			
C2120	1-112-315-11	ELECT	22uF	20%	16V	C2339	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V			
C2201	1-127-959-21	FILM CHIP	100PF	5%	50V	C2358	1-113-985-11	TANTAL. CHIP	10uF	20%	20V			
C2202	1-112-315-11	ELECT	22uF	20%	16V	C2359	1-107-820-11	CERAMIC CHIP	0.1uF	16V				
C2203	1-135-856-11	TANTAL. CHIP	100uF	20%	10V	C2361	1-107-820-11	CERAMIC CHIP	0.1uF	16V				
C2204	1-112-315-11	ELECT	22uF	20%	16V	C2362	1-135-834-11	CERAMIC CHIP	2.2uF	6.3V				
C2205	1-112-315-11	ELECT	22uF	20%	16V	C2363	1-164-931-11	CERAMIC CHIP	100PF	10%	50V			
C2206	1-127-965-21	FILM CHIP	0.001uF	5%	50V	C2364	1-135-834-11	CERAMIC CHIP	2.2uF	6.3V				
C2207	1-112-315-11	ELECT	22uF	20%	16V	C2365	1-164-931-11	CERAMIC CHIP	100PF	10%	50V			
C2208	1-127-963-21	FILM CHIP	470PF	5%	50V	C2366	1-113-985-11	TANTAL. CHIP	10uF	20%	20V			
C2209	1-112-315-11	ELECT	22uF	20%	16V	C2367	1-107-820-11	CERAMIC CHIP	0.1uF	16V				
C2210	1-100-663-11	TANTAL. CHIP	22uF	20%	10V	C2368	1-164-931-11	CERAMIC CHIP	100PF	10%	50V			
C2211	1-100-663-11	TANTAL. CHIP	22uF	20%	10V	C2370	1-107-820-11	CERAMIC CHIP	0.1uF	16V				
C2212	1-127-965-21	FILM CHIP	0.001uF	5%	50V	C2371	1-113-985-11	TANTAL. CHIP	10uF	20%	20V			
C2215	1-100-663-11	TANTAL. CHIP	22uF	20%	10V	C2372	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V			
C2216	1-127-967-21	FILM CHIP	0.0022uF	5%	50V	C2373	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V			
C2220	1-112-315-11	ELECT	22uF	20%	16V	C2374	1-107-820-11	CERAMIC CHIP	0.1uF	16V				
C2301	1-165-891-11	TANTAL. CHIP	3.3uF	20%	16V	C2375	1-135-834-11	CERAMIC CHIP	2.2uF	6.3V				
C2302	1-165-891-11	TANTAL. CHIP	3.3uF	20%	16V	C2377	1-137-934-11	TANTAL. CHIP	47uF	20%	10V			
C2303	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V	C2378	1-107-820-11	CERAMIC CHIP	0.1uF	16V				
C2304	1-107-820-11	CERAMIC CHIP	0.1uF	16V	C2383	1-107-820-11	CERAMIC CHIP	0.1uF	16V					
C2305	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V	C2384	1-113-985-11	TANTAL. CHIP	10uF	20%	20V			
C2306	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V	C2385	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V			
C2307	1-164-931-11	CERAMIC CHIP	100PF	10%	50V	C2386	1-107-820-11	CERAMIC CHIP	0.1uF	16V				
C2309	1-165-891-11	TANTAL. CHIP	3.3uF	20%	16V	C2387	1-117-863-11	CERAMIC CHIP	0.47uF	10%	6.3V			
C2311	1-107-820-11	CERAMIC CHIP	0.1uF	16V	C2390	1-107-820-11	CERAMIC CHIP	0.1uF	16V					
C2312	1-165-891-11	TANTAL. CHIP	3.3uF	20%	16V	C2391	1-107-820-11	CERAMIC CHIP	0.1uF	16V				

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark	
C2392	1-137-739-11	TANTAL. CHIP	22uF 20%	6.3V	IC2102	6-708-333-01	IC AD8672ARZ-REEL7	
C2393	1-125-837-11	CERAMIC CHIP	1uF 10%	6.3V	IC2103	6-708-322-01	IC AD797ARZ-REEL7	
C2394	1-137-739-11	TANTAL. CHIP	22uF 20%	6.3V	IC2201	6-708-333-01	IC AD8672ARZ-REEL7	
C2395	1-137-739-11	TANTAL. CHIP	22uF 20%	6.3V	IC2202	6-708-333-01	IC AD8672ARZ-REEL7	
C2396	1-107-820-11	CERAMIC CHIP	0.1uF 16V		IC2203	6-708-322-01	IC AD797ARZ-REEL7	
C2397	1-117-863-11	CERAMIC CHIP	0.47uF 10%	6.3V	IC2301	6-706-667-01	IC AK5384VF	
C2398	1-125-777-11	CERAMIC CHIP	0.1uF 10%	10V	IC2302	6-708-337-01	IC AK4103AVF-E2	
C2446	1-125-837-11	CERAMIC CHIP	1uF 10%	6.3V	IC2303	6-704-772-01	IC SN74AHC2G125HDCU3	
C2447	1-113-985-11	TANTAL. CHIP	10uF 20%	20V	IC2305	6-708-333-01	IC AD8672ARZ-REEL7	
C2448	1-107-820-11	CERAMIC CHIP	0.1uF 16V		IC2306	6-703-867-01	IC NJU6366AF1(TE1)	
C2449	1-164-874-11	CERAMIC CHIP	100PF 5%	50V	IC2307	6-708-338-01	IC NJU6311RB2(TE1)	
C2502	1-164-505-11	CERAMIC CHIP	2.2uF 16V		IC2314	6-707-208-01	IC TK11100CSCB-G	
< CONNECTOR >								
CN2201	1-779-666-21	CONNECTOR, BOARD TO BOARD 40P		IC2315	6-707-208-01	IC TK11100CSCB-G		
CN2301	1-815-034-21	CONNECTOR, BOARD TO BOARD 16P		IC2316	6-708-335-01	IC TK72200CS2G0B-C		
CN9904	1-785-909-21	CONNECTOR, BOARD TO BOARD 50P		IC2317	6-705-337-01	IC TK11150CSCL-G		
< DIODE >								
D2105	8-719-069-29	DIODE RB520S-30TE61		< JACK >				
D2106	8-719-069-29	DIODE RB520S-30TE61		J1501	1-818-187-11	JACK, DC (POLARITY UNIFIED TYPE)		
D2205	8-719-069-29	DIODE RB520S-30TE61					(DC IN 6V)	
D2206	8-719-069-29	DIODE RB520S-30TE61		J2310	1-819-402-21	JACK (◎)		
D2301	8-719-069-29	DIODE RB520S-30TE61		J2311	1-819-426-11	JACK (MIC)		
D2302	8-719-069-29	DIODE RB520S-30TE61		< JUMPER RESISTOR >				
D2303	8-719-069-29	DIODE RB520S-30TE61		JC2101	1-216-864-11	SHORT CHIP	0	
D2304	8-719-069-29	DIODE RB520S-30TE61		JC2104	1-216-864-11	SHORT CHIP	0	
D2305	8-719-069-29	DIODE RB520S-30TE61		JC2106	1-216-864-11	SHORT CHIP	0	
D2306	8-719-069-29	DIODE RB520S-30TE61		JC2201	1-216-864-11	SHORT CHIP	0	
D2307	8-719-069-29	DIODE RB520S-30TE61		JC2204	1-216-864-11	SHORT CHIP	0	
D2308	8-719-069-29	DIODE RB520S-30TE61		JC2206	1-216-864-11	SHORT CHIP	0	
D2309	8-719-069-29	DIODE RB520S-30TE61		JC2207	1-216-864-11	SHORT CHIP	0	
D2310	8-719-069-29	DIODE RB520S-30TE61		JC2599	1-216-864-11	SHORT CHIP	0	
D2311	8-719-069-29	DIODE RB520S-30TE61		JC2621	1-216-864-11	SHORT CHIP	0	
D2312	8-719-069-29	DIODE RB520S-30TE61		JP2107	1-216-864-11	SHORT CHIP	0	
D2313	8-719-069-29	DIODE RB520S-30TE61		JP2539	1-216-864-11	SHORT CHIP	0	
D2314	8-719-069-29	DIODE RB520S-30TE61		JP2540	1-218-990-81	SHORT CHIP	0	
D2315	8-719-069-29	DIODE RB520S-30TE61		JP2544	1-218-990-81	SHORT CHIP	0	
D2316	8-719-069-29	DIODE RB520S-30TE61		JP2546	1-218-990-81	SHORT CHIP	0	
D2319	8-719-069-29	DIODE RB520S-30TE61		JP2547	1-218-990-81	SHORT CHIP	0	
D2320	8-719-069-29	DIODE RB520S-30TE61		JP2551	1-218-990-81	SHORT CHIP	0	
D2325	8-719-069-29	DIODE RB520S-30TE61		JP2554	1-218-990-81	SHORT CHIP	0	
D2326	8-719-069-29	DIODE RB520S-30TE61		JP2555	1-218-990-81	SHORT CHIP	0	
D2327	8-719-977-28	DIODE DTZ10B		JP2556	1-218-990-81	SHORT CHIP	0	
< FERRITE BEAD >								
FB2102	1-216-864-11	SHORT CHIP 0		JP2557	1-218-990-81	SHORT CHIP	0	
FB2202	1-216-864-11	SHORT CHIP 0		JP2566	1-218-990-81	SHORT CHIP	0	
FB2302	1-469-084-21	INDUCTOR, FERRITE BEAD		JP2567	1-218-990-81	SHORT CHIP	0	
FB2303	1-216-864-11	SHORT CHIP 0		JP2568	1-218-990-81	SHORT CHIP	0	
FB2304	1-469-084-21	INDUCTOR, FERRITE BEAD		JP2570	1-218-990-81	SHORT CHIP	0	
FB2305	1-469-084-21	INDUCTOR, FERRITE BEAD		JP2572	1-218-990-81	SHORT CHIP	0	
FB2306	1-469-084-21	INDUCTOR, FERRITE BEAD		JP2573	1-218-990-81	SHORT CHIP	0	
FB2307	1-469-084-21	INDUCTOR, FERRITE BEAD		JP2575	1-218-990-81	SHORT CHIP	0	
FB2308	1-469-084-21	INDUCTOR, FERRITE BEAD		JP2576	1-218-990-81	SHORT CHIP	0	
< IC >								
IC2101	6-708-333-01	IC AD8672ARZ-REEL7		JP2577	1-218-990-81	SHORT CHIP	0	
				JP2578	1-218-990-81	SHORT CHIP	0	
				JP2579	1-218-990-81	SHORT CHIP	0	

AUDIO (A/D)

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
JP2582	1-218-990-81	SHORT CHIP	0	R2209	1-245-809-11	METAL CHIP	1.1K 0.5% 1/10W
JP2584	1-218-990-81	SHORT CHIP	0	R2210	1-245-844-11	METAL CHIP	4.7K 0.5% 1/10W
JP2585	1-218-990-81	SHORT CHIP	0	R2211	1-245-776-11	METAL CHIP	330 0.5% 1/10W
JP2593	1-218-990-81	SHORT CHIP	0	R2212	1-245-808-11	METAL CHIP	1K 0.5% 1/10W
JP2594	1-218-990-81	SHORT CHIP	0	R2213	1-245-808-11	METAL CHIP	1K 0.5% 1/10W
JP2601	1-218-990-81	SHORT CHIP	0	R2215	1-245-896-11	METAL CHIP	100K 0.5% 1/10W
JP2602	1-218-990-81	SHORT CHIP	0	R2216	1-245-808-11	METAL CHIP	1K 0.5% 1/10W
JP2606	1-218-990-81	SHORT CHIP	0	R2217	1-245-776-11	METAL CHIP	330 0.5% 1/10W
JP2611	1-216-864-11	SHORT CHIP	0	R2218	1-245-808-11	METAL CHIP	1K 0.5% 1/10W
JP2613	1-218-990-81	SHORT CHIP	0	R2220	1-245-845-11	METAL CHIP	5.1K 0.5% 1/10W
JP2622	1-218-990-81	SHORT CHIP	0	R2221	1-245-814-11	METAL CHIP	1.8K 0.5% 1/10W
JP2623	1-218-990-81	SHORT CHIP	0	R2222	1-245-776-11	METAL CHIP	330 0.5% 1/10W
JP2625	1-218-990-81	SHORT CHIP	0	R2223	1-245-808-11	METAL CHIP	1K 0.5% 1/10W
JP2628	1-218-990-81	SHORT CHIP	0	R2224	1-245-808-11	METAL CHIP	1K 0.5% 1/10W
			< COIL >	R2225	1-245-808-11	METAL CHIP	1K 0.5% 1/10W
L2301	1-414-373-31	INDUCTOR	10uH	R2226	1-245-776-11	METAL CHIP	330 0.5% 1/10W
L2303	1-414-373-31	INDUCTOR	10uH	R2227	1-245-808-11	METAL CHIP	1K 0.5% 1/10W
L2305	1-414-373-31	INDUCTOR	10uH	R2229	1-245-808-11	METAL CHIP	1K 0.5% 1/10W
			< FILTER >	R2231	1-245-808-11	METAL CHIP	1K 0.5% 1/10W
LF1501	1-416-405-21	FILTER, CHIP EMI (COMMON MODE)		R2234	1-245-884-11	METAL CHIP	33K 0.5% 1/10W
			< TRANSISTOR >	R2313	1-218-941-81	RES-CHIP	100 5% 1/16W
Q2308	6-551-238-01	TRANSISTOR EMF5T2R		R2314	1-218-941-81	RES-CHIP	100 5% 1/16W
Q2310	8-729-044-37	FET 2SK3019TL		R2315	1-218-941-81	RES-CHIP	100 5% 1/16W
Q2311	6-551-291-01	FET ECH8605-TL-E		R2316	1-218-941-81	RES-CHIP	100 5% 1/16W
Q2313	8-729-044-37	FET 2SK3019TL		R2317	1-218-941-81	RES-CHIP	100 5% 1/16W
			< RESISTOR >	R2318	1-218-941-81	RES-CHIP	100 5% 1/16W
R2101	1-245-765-11	METAL CHIP	110 0.5% 1/10W	R2319	1-218-941-81	RES-CHIP	100 5% 1/16W
R2102	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2320	1-218-941-81	RES-CHIP	100 5% 1/16W
R2103	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2321	1-218-941-81	RES-CHIP	100 5% 1/16W
R2107	1-245-880-11	METAL CHIP	22K 0.5% 1/10W	R2325	1-218-941-81	RES-CHIP	100 5% 1/16W
R2109	1-245-809-11	METAL CHIP	1.1K 0.5% 1/10W	R2330	1-218-941-81	RES-CHIP	100 5% 1/16W
R2110	1-245-844-11	METAL CHIP	4.7K 0.5% 1/10W	R2347	1-218-973-11	RES-CHIP	47K 5% 1/16W
R2111	1-245-776-11	METAL CHIP	330 0.5% 1/10W	R2365	1-218-982-11	RES-CHIP	270K 5% 1/16W
R2112	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2366	1-218-982-11	RES-CHIP	270K 5% 1/16W
R2113	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2370	1-208-947-11	METAL CHIP	330K 0.5% 1/16W
R2115	1-245-896-11	METAL CHIP	100K 0.5% 1/10W	R2372	1-245-884-11	METAL CHIP	33K 0.5% 1/10W
R2116	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2374	1-218-977-11	RES-CHIP	100K 5% 1/16W
R2117	1-245-776-11	METAL CHIP	330 0.5% 1/10W	R2375	1-208-721-11	METAL CHIP	39K 0.5% 1/16W
R2118	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2376	1-208-721-11	METAL CHIP	39K 0.5% 1/16W
R2120	1-245-845-11	METAL CHIP	5.1K 0.5% 1/10W	R2377	1-218-949-11	RES-CHIP	470 5% 1/16W
R2121	1-245-814-11	METAL CHIP	1.8K 0.5% 1/10W	R2407	1-218-977-11	RES-CHIP	100K 5% 1/16W
R2122	1-245-776-11	METAL CHIP	330 0.5% 1/10W	R2410	1-218-941-81	RES-CHIP	100 5% 1/16W
R2123	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2411	1-218-941-81	RES-CHIP	100 5% 1/16W
R2124	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2412	1-218-973-11	RES-CHIP	47K 5% 1/16W
R2125	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2413	1-218-941-81	RES-CHIP	100 5% 1/16W
R2126	1-245-776-11	METAL CHIP	330 0.5% 1/10W	R2414	1-218-941-81	RES-CHIP	100 5% 1/16W
R2127	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2415	1-218-953-11	RES-CHIP	1K 5% 1/16W
R2129	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2416	1-218-953-11	RES-CHIP	1K 5% 1/16W
R2131	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2417	1-218-941-81	RES-CHIP	100 5% 1/16W
R2134	1-245-884-11	METAL CHIP	33K 0.5% 1/10W	R2439	1-218-985-11	RES-CHIP	470K 5% 1/16W
R2201	1-245-765-11	METAL CHIP	110 0.5% 1/10W	R2494	1-218-977-11	RES-CHIP	100K 5% 1/16W
R2202	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2509	1-218-953-11	RES-CHIP	1K 5% 1/16W
R2203	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2510	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
R2207	1-245-880-11	METAL CHIP	22K 0.5% 1/10W	R2515	1-218-965-11	RES-CHIP	10K 5% 1/16W
				R2516	1-218-989-11	RES-CHIP	1M 5% 1/16W
R2202	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2518	1-216-857-11	METAL CHIP	1M 5% 1/10W
R2203	1-245-808-11	METAL CHIP	1K 0.5% 1/10W	R2519	1-218-977-11	RES-CHIP	100K 5% 1/16W

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
< SWITCH >											
S2301	1-571-277-11	SWITCH, SLIDE (MIC ATT)				CN2202	1-818-269-11	CONNECTOR, BOARD TO BOARD 40P			
S2312	1-771-093-41	SWITCH, SLIDE (INPUT)				CN2307	1-818-471-21	CONNECTOR, FPC (ZIF) 8P			
< VARISTOR >											
VDR21041-801-923-11	VARISTOR, CHIP (1608)					CN2511	1-818-210-21	PIN, CONNECTOR 2P			
VDR22041-801-923-11	VARISTOR, CHIP (1608)					CN2521	1-818-210-21	PIN, CONNECTOR 2P			
VDR23011-801-923-11	VARISTOR, CHIP (1608)					< DIODE >					
< VIBRATOR >											
X2301	1-781-045-21	VIBRATOR, CRYSTAL (24.576MHz)				D2101	8-719-069-29	DIODE RB520S-30TE61			
X2302	1-813-567-21	VIBRATOR, CRYSTAL (11.2896MHz)				D2102	8-719-069-29	DIODE RB520S-30TE61			
*****						D2103	8-719-069-29	DIODE RB520S-30TE61			
A-1161-880-A AUDIO (D/A) BOARD, COMPLETE						D2201	8-719-069-29	DIODE RB520S-30TE61			
*****						D2202	8-719-069-29	DIODE RB520S-30TE61			
< CAPACITOR >						D2203	8-719-069-29	DIODE RB520S-30TE61			
C2125	1-112-315-11	ELECT	22uF	20%	16V	D2323	8-719-069-29	DIODE RB520S-30TE61			
C2128	1-100-926-11	FILM CHIP	1uF	10%	25V	D2328	8-719-069-29	DIODE RB520S-30TE61			
C2131	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V	D2501	6-501-257-01	LED CL-197TLY-CD-T			
C2134	1-104-851-11	TANTAL. CHIP	10uF	20%	10V	(LEVEL METER BACK LIGHT)					
C2137	1-127-963-21	FILM CHIP	470PF	5%	50V	D2503	6-501-257-01	LED CL-197TLY-CD-T			
C2138	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	(LEVEL METER BACK LIGHT)					
C2139	1-127-968-21	FILM CHIP	0.0033uF	5%	50V	D2504	6-501-257-01	LED CL-197TLY-CD-T			
C2140	1-100-926-11	FILM CHIP	1uF	10%	25V	(LEVEL METER BACK LIGHT)					
C2153	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V	D2506	6-501-257-01	LED CL-197TLY-CD-T			
C2225	1-112-315-11	ELECT	22uF	20%	16V	D2507	8-719-077-09	LED CL-196HR-CD-T (L-CH OVER LEVEL)			
C2228	1-100-926-11	FILM CHIP	1uF	10%	25V	D2508	6-500-594-01	LED CL-196SYG-CD-T (R-CH OVER LEVEL)			
C2231	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V	D2509	8-719-077-09	LED CL-196HR-CD-T (R-CH OVER LEVEL)			
C2234	1-104-851-11	TANTAL. CHIP	10uF	20%	10V	D2510	6-500-594-01	LED CL-196SYG-CD-T (L-CH OVER LEVEL)			
C2237	1-127-963-21	FILM CHIP	470PF	5%	50V	< IC >					
C2238	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	IC2104	6-600-476-01	IC AQY282SX			
C2239	1-127-968-21	FILM CHIP	0.0033uF	5%	50V	IC2204	6-600-476-01	IC AQY282SX			
C2240	1-100-926-11	FILM CHIP	1uF	10%	25V	IC2309	6-708-333-01	IC AD8672ARZ-REEL7			
C2253	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V	IC2311	8-759-337-40	IC NJM2904V(TE2)			
C2341	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V	IC2312	6-708-333-01	IC AD8672ARZ-REEL7			
C2345	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V	IC2313	6-705-515-01	IC AK4385VT-E2			
C2350	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V	IC2322	6-708-332-01	IC MAX9722AETE+TG068			
C2352	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V	IC2323	6-705-337-01	IC TK11150CSCL-G			
C2354	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V	IC2324	6-708-334-01	IC TK72250CSCL-G			
C2355	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V	IC2325	6-705-337-01	IC TK11150CSCL-G			
C2356	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V	< JUMPER RESISTOR >					
C2357	1-107-820-11	CERAMIC CHIP	0.1uF		16V	JP2109	1-216-864-11	SHORT CHIP	0		
C2399	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V	JP2110	1-216-864-11	SHORT CHIP	0		
C2401	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V	JP2111	1-216-864-11	SHORT CHIP	0		
C2402	1-100-425-11	TANTAL. CHIP	220uF	20%	10V	JP2112	1-216-864-11	SHORT CHIP	0		
C2404	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V	JP2114	1-216-864-11	SHORT CHIP	0		
C2405	1-100-425-11	TANTAL. CHIP	220uF	20%	10V	JP2116	1-216-864-11	SHORT CHIP	0		
C2406	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V	JP2117	1-218-990-81	SHORT CHIP	0		
C2407	1-107-820-11	CERAMIC CHIP	0.1uF		16V	JP2209	1-216-864-11	SHORT CHIP	0		
C2408	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V	JP2210	1-216-864-11	SHORT CHIP	0		
C2410	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V	JP2211	1-216-864-11	SHORT CHIP	0		
C2411	1-107-820-11	CERAMIC CHIP	0.1uF		16V	JP2212	1-216-864-11	SHORT CHIP	0		
C2412	1-135-834-11	CERAMIC CHIP	2.2uF		6.3V	JP2213	1-216-864-11	SHORT CHIP	0		
C2417	1-135-834-11	CERAMIC CHIP	2.2uF		6.3V	JP2214	1-216-864-11	SHORT CHIP	0		
C2418	1-137-739-11	TANTAL. CHIP	22uF	20%	6.3V	JP2216	1-216-864-11	SHORT CHIP	0		
C2419	1-107-820-11	CERAMIC CHIP	0.1uF		16V	JP2217	1-218-990-81	SHORT CHIP	0		
						JP2501	1-218-990-81	SHORT CHIP	0		

AUDIO (D/A) MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
JP2503	1-218-990-81	SHORT CHIP	0	R2243	1-245-772-11	METAL CHIP	220 0.5% 1/10W
JP2504	1-218-990-81	SHORT CHIP	0	R2252	1-245-852-11	METAL CHIP	10K 0.5% 1/10W
JP2506	1-218-990-81	SHORT CHIP	0	R2253	1-245-852-11	METAL CHIP	10K 0.5% 1/10W
JP2507	1-218-990-81	SHORT CHIP	0	R2254	1-245-880-11	METAL CHIP	22K 0.5% 1/10W
JP2558	1-218-990-81	SHORT CHIP	0	R2255	1-245-880-11	METAL CHIP	22K 0.5% 1/10W
JP2587	1-218-990-81	SHORT CHIP	0	R2256	1-218-965-11	RES-CHIP	10K 5% 1/16W
JP2588	1-218-990-81	SHORT CHIP	0	R2261	1-218-945-11	RES-CHIP	220 5% 1/16W
JP2589	1-218-990-81	SHORT CHIP	0	R2262	1-218-965-11	RES-CHIP	10K 5% 1/16W
JP2591	1-218-990-81	SHORT CHIP	0	R2264	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
JP2595	1-218-990-81	SHORT CHIP	0	R2266	1-245-844-11	METAL CHIP	4.7K 0.5% 1/10W
JP2596	1-218-990-81	SHORT CHIP	0	R2267	1-245-771-11	METAL CHIP	200 0.5% 1/10W
JP2597	1-216-864-11	SHORT CHIP	0	R2268	1-245-771-11	METAL CHIP	200 0.5% 1/10W
JP2598	1-218-990-81	SHORT CHIP	0	R2269	1-245-844-11	METAL CHIP	4.7K 0.5% 1/10W
JP2607	1-218-990-81	SHORT CHIP	0	R2270	1-245-844-11	METAL CHIP	4.7K 0.5% 1/10W
JP2608	1-218-990-81	SHORT CHIP	0	R2271	1-245-844-11	METAL CHIP	4.7K 0.5% 1/10W
JP2616	1-218-990-81	SHORT CHIP	0	R2285	1-218-953-11	RES-CHIP	1K 5% 1/16W
JP2617	1-218-990-81	SHORT CHIP	0	R2286	1-218-945-11	RES-CHIP	220 5% 1/16W
JP2619	1-218-990-81	SHORT CHIP	0	R2287	1-218-945-11	RES-CHIP	220 5% 1/16W
JP2620	1-218-990-81	SHORT CHIP	0	R2289	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
JP2624	1-218-990-81	SHORT CHIP	0	R2356	1-218-941-81	RES-CHIP	100 5% 1/16W
JP2626	1-218-990-81	SHORT CHIP	0	R2357	1-218-941-81	RES-CHIP	100 5% 1/16W
JP2627	1-218-990-81	SHORT CHIP	0	R2358	1-218-941-81	RES-CHIP	100 5% 1/16W
JP2629	1-216-864-11	SHORT CHIP	0	R2359	1-218-941-81	RES-CHIP	100 5% 1/16W
< COIL >				R2401	1-218-981-11	RES-CHIP	220K 5% 1/16W
< TRANSISTOR >				R2402	1-245-896-11	METAL CHIP	100K 0.5% 1/10W
L2306	1-414-373-31	INDUCTOR	10uH	R2403	1-218-981-11	RES-CHIP	220K 5% 1/16W
< RESISTOR >				R2422	1-218-977-11	RES-CHIP	100K 5% 1/16W
Q2103	6-550-234-01	TRANSISTOR	UNR32A300LS0	R2501	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
Q2104	8-729-427-47	TRANSISTOR	XP4213-TXE	R2503	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
Q2203	6-550-234-01	TRANSISTOR	UNR32A300LS0	R2504	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
Q2204	8-729-427-47	TRANSISTOR	XP4213-TXE	R2506	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
Q2302	6-550-239-01	TRANSISTOR	DTA144EMT2L	R2507	1-218-989-11	RES-CHIP	1M 5% 1/16W
Q2303	6-550-234-01	TRANSISTOR	UNR32A300LS0	R2512	1-218-977-11	RES-CHIP	100K 5% 1/16W
Q2304	6-550-234-01	TRANSISTOR	UNR32A300LS0	R2580	1-245-852-11	METAL CHIP	10K 0.5% 1/10W
Q2309	8-729-044-37	FET	2SK3019TL	< CERMET RESISTOR >			
Q2312	8-729-044-37	FET	2SK3019TL	RV2102	1-227-699-21	RES, ADJ, CERMET 5K	
< RESISTOR >				RV2202	1-227-699-21	RES, ADJ, CERMET 5K	

R2143	1-245-772-11	METAL CHIP	220	R2152	1-245-852-11	METAL CHIP	10K 0.5% 1/10W
R2153	1-245-852-11	METAL CHIP	10K	R2154	1-245-880-11	METAL CHIP	22K 0.5% 1/10W
R2155	1-245-880-11	METAL CHIP	22K	R2155	1-245-880-11	METAL CHIP	22K 0.5% 1/10W
R2156	1-218-965-11	RES-CHIP	10K	R2161	1-218-945-11	RES-CHIP	220 5% 1/16W
R2162	1-218-965-11	RES-CHIP	10K	R2164	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
R2166	1-245-844-11	METAL CHIP	4.7K	R2167	1-245-771-11	METAL CHIP	200 0.5% 1/10W
R2168	1-245-771-11	METAL CHIP	200	R2169	1-245-844-11	METAL CHIP	4.7K 0.5% 1/10W
R2170	1-245-844-11	METAL CHIP	4.7K	R2171	1-245-844-11	METAL CHIP	4.7K 0.5% 1/10W
R2185	1-218-953-11	RES-CHIP	1K	R2186	1-218-945-11	RES-CHIP	220 5% 1/16W
R2187	1-218-945-11	RES-CHIP	220	R2188	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R2189	1-218-957-11	RES-CHIP	2.2K	R2243	1-164-874-11	CERAMIC CHIP	100PF 5% 50V
A-1161-877-A MAIN BOARD, COMPLETE							

< CAPACITOR >							
C2129	1-164-874-11	CERAMIC CHIP	100PF	C2229	1-164-874-11	CERAMIC CHIP	100PF 5% 50V
C2443	1-137-704-11	TANTAL. CHIP	10uF	C2444	1-125-777-11	CERAMIC CHIP	0.1uF 10% 10V
C2445	1-162-927-11	CERAMIC CHIP	100PF	C4151	1-125-777-11	CERAMIC CHIP	0.1uF 10% 10V
C4152	1-125-837-11	CERAMIC CHIP	1uF	C4153	1-125-837-11	CERAMIC CHIP	1uF 10% 6.3V
C4154	1-125-837-11	CERAMIC CHIP	1uF	C4155	1-125-837-11	CERAMIC CHIP	1uF 10% 6.3V
C4156	1-125-891-11	CERAMIC CHIP	0.47uF	C4157	1-125-891-11	CERAMIC CHIP	0.47uF 10% 10V
C4158	1-125-891-11	CERAMIC CHIP	0.47uF	C4159	1-125-891-11	CERAMIC CHIP	0.47uF 10% 10V
C4160	1-125-891-11	CERAMIC CHIP	0.47uF	C4160	1-125-891-11	CERAMIC CHIP	0.47uF 10% 10V

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C4201	1-128-964-11	TANTAL. CHIP	100uF	20%	6.3V	C8114	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C4202	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C8116	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4203	1-128-964-11	TANTAL. CHIP	100uF	20%	6.3V	C8117	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C5001	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C8120	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C5002	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C8122	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C5051	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C8201	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C5052	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C9101	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C5101	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C9102	1-117-919-11	TANTAL. CHIP	10uF	20%	6.3V
C5102	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C9301	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C5111	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C9801	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C5112	1-119-750-11	TANTAL. CHIP	22uF	20%	6.3V	C9802	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C5115	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C9803	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C5116	1-117-919-11	TANTAL. CHIP	10uF	20%	6.3V	C9804	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C5118	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						< CONNECTOR >
C5119	1-117-919-11	TANTAL. CHIP	10uF	20%	6.3V	CN4151	1-819-524-21	CONNECTOR, FPC (ZIF) 20P			
C5120	1-117-919-11	TANTAL. CHIP	10uF	20%	6.3V	CN8104	1-816-036-41	CONNECTOR (SQUARE TYPE) (USB) 5P (USB)			
C5121	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	CN9301	1-817-589-12	CONNECTOR, MEMORY STICK (BASE)			
C5122	1-117-919-11	TANTAL. CHIP	10uF	20%	6.3V						(MEMORY STICK PRO)
C5151	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	CN9901	1-785-910-21	CONNECTOR, BOARD TO BOARD 50P			
C5152	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	CN9902	1-819-517-21	CONNECTOR, FFC/FPC (ZIF) 24P			
C5155	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	CN9903	1-819-526-11	CONNECTOR, FFC/FPC (ZIF) 20P			
C5156	1-112-816-11	TANTAL. CHIP	22uF	20%	4V						< DIODE >
C5201	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D4202	8-719-069-28	DIODE 1SS400TE-61			
C5202	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D4203	8-719-069-28	DIODE 1SS400TE-61			
C5203	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	D5201	8-719-069-28	DIODE 1SS400TE-61			
C5204	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D9101	8-719-069-29	DIODE RB520S-30TE61			
C5205	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						< FERRITE BEAD >
C5207	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	FB2101	1-218-990-81	SHORT CHIP 0			
C6004	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	FB2201	1-218-990-81	SHORT CHIP 0			
C6005	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	FB2301	1-218-990-81	SHORT CHIP 0			
C6006	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	FB6001	1-469-581-21	INDUCTOR, FERRITE BEAD (1005)			
C6007	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	FB6002	1-469-581-21	INDUCTOR, FERRITE BEAD (1005)			
C6008	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						
C6009	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	FB8101	1-400-915-21	INDUCTOR (EMI FERRITE) (2012)			
C6010	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	FB9301	1-469-581-21	INDUCTOR, FERRITE BEAD (1005)			
C6011	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						< IC >
C6012	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC4201	6-703-861-01	IC RX-4591CF			
C6013	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC5001	6-707-829-01	IC K04SONY99			
C6014	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC5051	6-707-829-01	IC K04SONY99			
C6015	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC5101	6-707-829-01	IC K04SONY99			
C6016	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC5111	6-707-903-01	IC XC6219B312DR			
C6017	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						
C6018	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC5113	6-707-469-01	IC R1160N151B-TR-FA			
C6019	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC5115	6-707-904-01	IC XC6401FF41DR			
C6020	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC5121	6-705-498-01	IC R1160N311B-TR-FA			
C6021	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC5151	6-707-829-01	IC K04SONY99			
C6022	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC5153	6-707-468-01	IC R1160N111B-TR-FA			
C6023	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						
C7001	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V	IC5201	6-707-472-01	IC PST3813UL			
C7002	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC5203	8-759-649-46	IC SN74AHC1G08DCKR			
C7004	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC5204	6-705-326-01	IC PST3809UL			
C7005	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	IC5206	6-702-539-01	IC BD4728G-TR			
C8103	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC6001	6-707-480-01	IC uPD77602F1-004-GA7-A			
C8106	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V						
C8107	1-164-848-11	CERAMIC CHIP	8PF	0.5PF	50V	IC7001	6-804-993-01	IC MB89535APV4-G-653E1			
C8108	1-164-848-11	CERAMIC CHIP	8PF	0.5PF	50V	IC8101	6-707-478-01	IC M66592WG			
C8109	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V	IC8201	6-805-678-01	IC S71PL032JA0BFWQF0B			
C8113	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V	IC9101	6-707-903-01	IC XC6219B312DR			

MAIN

Ref. No.	Part No.	Description		Remark	Ref. No.	Part No.	Description		Remark
IC9102	8-759-575-16	IC	LMC7101BIM5X		R5132	1-218-990-81	SHORT CHIP	0	
		< JACK >			R5153	1-218-985-11	RES-CHIP	470K	5% 1/16W
J2309	1-819-402-11	JACK (LINE IN)			R5157	1-218-985-11	RES-CHIP	470K	5% 1/16W
J2312	1-819-400-11	JACK (DIGITAL OUT)			R5201	1-218-990-81	SHORT CHIP	0	
		< COIL >			R5202	1-218-990-81	SHORT CHIP	0	
L2302	1-414-373-31	INDUCTOR	10uH		R5203	1-218-965-11	RES-CHIP	10K	5% 1/16W
L8101	1-456-583-11	COIL, COMMON MODE CHOKE			R5205	1-218-977-11	RES-CHIP	100K	5% 1/16W
		< TRANSISTOR >			R5207	1-218-977-11	RES-CHIP	100K	5% 1/16W
Q2305	6-551-238-01	TRANSISTOR	EMF5T2R		R5209	1-218-990-81	SHORT CHIP	0	
Q5201	8-729-044-37	FET	2SK3019TL		R5210	1-218-977-11	RES-CHIP	100K	5% 1/16W
Q9801	6-550-187-01	FET	5HP01M-TL		R5212	1-220-804-11	RES-CHIP	2.2M	5% 1/16W
Q9802	8-729-044-37	FET	2SK3019TL		R5214	1-218-990-81	SHORT CHIP	0	
Q9803	6-550-747-01	FET	3LP01S-K-TL-E		R6001	1-218-985-11	RES-CHIP	470K	5% 1/16W
		< RESISTOR >			R6002	1-218-977-11	RES-CHIP	100K	5% 1/16W
R2001	1-218-990-81	SHORT CHIP	0		R6003	1-218-985-11	RES-CHIP	470K	5% 1/16W
R2003	1-218-990-81	SHORT CHIP	0		R6004	1-218-985-11	RES-CHIP	470K	5% 1/16W
R2004	1-218-990-81	SHORT CHIP	0		R6005	1-218-985-11	RES-CHIP	470K	5% 1/16W
R2005	1-218-990-81	SHORT CHIP	0		R6006	1-218-977-11	RES-CHIP	100K	5% 1/16W
R2006	1-218-990-81	SHORT CHIP	0		R6007	1-218-941-81	RES-CHIP	100	5% 1/16W
R2007	1-218-990-81	SHORT CHIP	0		R6008	1-218-941-81	RES-CHIP	100	5% 1/16W
R2008	1-218-990-81	SHORT CHIP	0		R6009	1-218-941-81	RES-CHIP	100	5% 1/16W
R2182	1-218-969-11	RES-CHIP	22K	5% 1/16W	R6010	1-218-941-81	RES-CHIP	100	5% 1/16W
R2282	1-218-969-11	RES-CHIP	22K	5% 1/16W	R6012	1-218-990-81	SHORT CHIP	0	
R2425	1-218-981-11	RES-CHIP	220K	5% 1/16W	R6013	1-218-990-81	SHORT CHIP	0	
R2438	1-218-985-11	RES-CHIP	470K	5% 1/16W	R6014	1-218-977-11	RES-CHIP	100K	5% 1/16W
R2440	1-218-981-11	RES-CHIP	220K	5% 1/16W	R6015	1-218-990-81	SHORT CHIP	0	
R2495	1-218-953-11	RES-CHIP	1K	5% 1/16W	R6016	1-218-990-81	SHORT CHIP	0	
R2496	1-218-961-11	RES-CHIP	4.7K	5% 1/16W	R6017	1-218-977-11	RES-CHIP	100K	5% 1/16W
R4150	1-218-971-11	RES-CHIP	33K	5% 1/16W	R6018	1-218-977-11	RES-CHIP	100K	5% 1/16W
R4151	1-220-398-11	RES-CHIP	1.5M	5% 1/16W	R6019	1-218-989-11	RES-CHIP	1M	5% 1/16W
R4152	1-218-983-11	RES-CHIP	330K	5% 1/16W	R6020	1-218-977-11	RES-CHIP	100K	5% 1/16W
R4153	1-218-977-11	RES-CHIP	100K	5% 1/16W	R6021	1-218-977-11	RES-CHIP	100K	5% 1/16W
R4154	1-218-989-11	RES-CHIP	1M	5% 1/16W	R6022	1-218-977-11	RES-CHIP	100K	5% 1/16W
R4155	1-218-989-11	RES-CHIP	1M	5% 1/16W	R6023	1-216-864-11	SHORT CHIP	0	
R4156	1-218-989-11	RES-CHIP	1M	5% 1/16W	R6024	1-216-864-11	SHORT CHIP	0	
R4201	1-218-941-81	RES-CHIP	100	5% 1/16W	R6025	1-216-864-11	SHORT CHIP	0	
R4203	1-218-977-11	RES-CHIP	100K	5% 1/16W	R6026	1-216-864-11	SHORT CHIP	0	
R5002	1-218-965-11	RES-CHIP	10K	5% 1/16W	R6027	1-216-864-11	SHORT CHIP	0	
R5003	1-218-985-11	RES-CHIP	470K	5% 1/16W	R6029	1-218-977-11	RES-CHIP	100K	5% 1/16W
R5007	1-218-985-11	RES-CHIP	470K	5% 1/16W	R6030	1-218-977-11	RES-CHIP	100K	5% 1/16W
R5010	1-218-985-11	RES-CHIP	470K	5% 1/16W	R6031	1-218-977-11	RES-CHIP	100K	5% 1/16W
R5011	1-218-965-11	RES-CHIP	10K	5% 1/16W	R6032	1-218-977-11	RES-CHIP	100K	5% 1/16W
R5012	1-218-985-11	RES-CHIP	470K	5% 1/16W	R6033	1-218-977-11	RES-CHIP	100K	5% 1/16W
R5013	1-218-985-11	RES-CHIP	470K	5% 1/16W	R6034	1-218-977-11	RES-CHIP	100K	5% 1/16W
R5053	1-218-985-11	RES-CHIP	470K	5% 1/16W	R6035	1-218-977-11	RES-CHIP	100K	5% 1/16W
R5057	1-218-985-11	RES-CHIP	470K	5% 1/16W	R6036	1-218-985-11	RES-CHIP	470K	5% 1/16W
R5103	1-218-985-11	RES-CHIP	470K	5% 1/16W	R6037	1-218-990-81	SHORT CHIP	0	
R5113	1-218-985-11	RES-CHIP	470K	5% 1/16W	R6038	1-218-937-11	RES-CHIP	47	5% 1/16W
R5114	1-218-989-11	RES-CHIP	1M	5% 1/16W	R6039	1-218-937-11	RES-CHIP	47	5% 1/16W
R5116	1-218-989-11	RES-CHIP	1M	5% 1/16W	R6040	1-218-941-81	RES-CHIP	100	5% 1/16W
R5117	1-218-989-11	RES-CHIP	1M	5% 1/16W	R6041	1-218-989-11	RES-CHIP	1M	5% 1/16W
R5119	1-218-989-11	RES-CHIP	1M	5% 1/16W	R6042	1-218-977-11	RES-CHIP	100K	5% 1/16W
R5120	1-218-989-11	RES-CHIP	1M	5% 1/16W	R6045	1-218-977-11	RES-CHIP	100K	5% 1/16W
R5131	1-218-990-81	SHORT CHIP	0		R6046	1-218-985-11	RES-CHIP	470K	5% 1/16W
					R6048	1-218-990-81	SHORT CHIP	0	
					R6049	1-218-990-81	SHORT CHIP	0	
					R6050	1-218-990-81	SHORT CHIP	0	
					R6051	1-218-990-81	SHORT CHIP	0	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark		
R6052	1-218-990-81	SHORT CHIP	0	RB6003	1-234-381-21	RES, NETWORK (CHIP TYPE) 100KX4 (1005)			
R6053	1-218-990-81	SHORT CHIP	0	RB6004	1-234-381-21	RES, NETWORK (CHIP TYPE) 100KX4 (1005)			
R6054	1-218-990-81	SHORT CHIP	0	RB6006	1-234-381-21	RES, NETWORK (CHIP TYPE) 100KX4 (1005)			
R6055	1-218-977-11	RES-CHIP	100K	5%	1/16W	RB6010	1-234-383-21	RES, NETWORK (CHIP TYPE) 470KX4 (1005)	
R6056	1-218-977-11	RES-CHIP	100K	5%	1/16W	RB6011	1-234-383-21	RES, NETWORK (CHIP TYPE) 470KX4 (1005)	
R6059	1-216-864-11	SHORT CHIP	0	RB6012	1-234-383-21	RES, NETWORK (CHIP TYPE) 470KX4 (1005)			
R6062	1-216-864-11	SHORT CHIP	0	RB6013	1-234-380-21	RES, NETWORK (CHIP TYPE) 47KX4 (1005)			
R6065	1-218-985-11	RES-CHIP	470K	5%	1/16W	RB6014	1-233-955-11	RES, NETWORK (CHIP TYPE) 100X4	
R6066	1-218-949-11	RES-CHIP	470	5%	1/16W	RB6015	1-233-955-11	RES, NETWORK (CHIP TYPE) 100X4	
R6067	1-218-949-11	RES-CHIP	470	5%	1/16W	RB6025	1-234-383-21	RES, NETWORK (CHIP TYPE) 470KX4 (1005)	
R6068	1-218-949-11	RES-CHIP	470	5%	1/16W	RB6026	1-234-383-21	RES, NETWORK (CHIP TYPE) 470KX4 (1005)	
R7001	1-216-864-11	SHORT CHIP	0	RB6027	1-234-383-21	RES, NETWORK (CHIP TYPE) 470KX4 (1005)			
R7012	1-218-977-11	RES-CHIP	100K	5%	1/16W	RB6028	1-234-383-21	RES, NETWORK (CHIP TYPE) 470KX4 (1005)	
R7013	1-218-977-11	RES-CHIP	100K	5%	1/16W	RB6029	1-234-383-21	RES, NETWORK (CHIP TYPE) 470KX4 (1005)	
R7014	1-218-977-11	RES-CHIP	100K	5%	1/16W	RB6030	1-234-381-21	RES, NETWORK (CHIP TYPE) 100KX4 (1005)	
R7020	1-218-977-11	RES-CHIP	100K	5%	1/16W			< VIBRATOR >	
R7021	1-218-977-11	RES-CHIP	100K	5%	1/16W				
R7025	1-218-990-81	SHORT CHIP	0			X6001	1-813-180-21	VIBRATOR, CERAMIC (11.2896MHz)	
R7026	1-218-977-11	RES-CHIP	100K	5%	1/16W	X7001	1-813-533-21	VIBRATOR, CERAMIC (11.059MHz)	
R7028	1-218-990-81	SHORT CHIP	0			X8101	1-813-566-21	VIBRATOR, CRYSTAL (24MHz)	
R7036	1-218-977-11	RES-CHIP	100K	5%	1/16W			*****	
R7040	1-218-965-11	RES-CHIP	10K	5%	1/16W			A-1161-884-A POWER BOARD, COMPLETE	
R7041	1-218-965-11	RES-CHIP	10K	5%	1/16W			*****	
R7045	1-218-990-81	SHORT CHIP	0						
R7046	1-218-989-11	RES-CHIP	1M	5%	1/16W			< CAPACITOR >	
R7047	1-218-977-11	RES-CHIP	100K	5%	1/16W	C1501	1-127-573-11	CERAMIC CHIP 1uF 10% 16V	
R7048	1-218-977-11	RES-CHIP	100K	5%	1/16W	C1503	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	
R8101	1-216-864-11	SHORT CHIP	0			C1505	1-127-573-11	CERAMIC CHIP 1uF 10% 16V	
R8103	1-216-864-11	SHORT CHIP	0			C1506	1-125-837-11	CERAMIC CHIP 1uF 10% 6.3V	
R8104	1-218-949-11	RES-CHIP	470	5%	1/16W	C1507	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R8105	1-218-989-11	RES-CHIP	1M	5%	1/16W	C1508	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	
R8107	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W	C1509	1-126-935-11	ELECT 470uF 20% 16V	
R8109	1-216-864-11	SHORT CHIP	0			C1512	1-125-837-11	CERAMIC CHIP 1uF 10% 6.3V	
R8111	1-216-295-11	SHORT CHIP	0			C1513	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	
R8113	1-218-977-11	RES-CHIP	100K	5%	1/16W	C1515	1-164-858-11	CERAMIC CHIP 22PF 5% 50V	
R8201	1-216-864-11	SHORT CHIP	0			C1516	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R8202	1-218-977-11	RES-CHIP	100K	5%	1/16W	C1517	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R9102	1-218-989-11	RES-CHIP	1M	5%	1/16W	C1518	1-100-539-11	TANTAL. CHIP 47uF 20% 6.3V	
R9301	1-218-941-81	RES-CHIP	100	5%	1/16W	C1519	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R9302	1-218-941-81	RES-CHIP	100	5%	1/16W	C1520	1-164-858-11	CERAMIC CHIP 22PF 5% 50V	
R9303	1-218-941-81	RES-CHIP	100	5%	1/16W	C1521	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R9304	1-218-941-81	RES-CHIP	100	5%	1/16W	C1522	1-119-750-11	TANTAL. CHIP 22uF 20% 6.3V	
R9305	1-218-941-81	RES-CHIP	100	5%	1/16W	C1524	1-100-672-11	CERAMIC CHIP 10uF 20% 16V	
R9306	1-218-941-81	RES-CHIP	100	5%	1/16W	C1525	1-100-672-11	CERAMIC CHIP 10uF 20% 16V	
R9307	1-218-937-11	RES-CHIP	47	5%	1/16W	C1527	1-100-672-11	CERAMIC CHIP 10uF 20% 16V	
R9801	1-218-989-11	RES-CHIP	1M	5%	1/16W	C1529	1-127-573-11	CERAMIC CHIP 1uF 10% 16V	
R9805	1-208-715-11	METAL CHIP	22K	0.5%	1/16W	C1531	1-100-672-11	CERAMIC CHIP 10uF 20% 16V	
R9806	1-208-911-11	METAL CHIP	10K	0.5%	1/16W	C1533	1-100-672-11	CERAMIC CHIP 10uF 20% 16V	
R9807	1-208-943-11	METAL CHIP	220K	0.5%	1/16W	C1535	1-137-689-11	TANTAL. CHIP 47uF 20% 16V	
R9808	1-208-943-11	METAL CHIP	220K	0.5%	1/16W	C1536	1-137-689-11	TANTAL. CHIP 47uF 20% 16V	
R9810	1-218-990-81	SHORT CHIP	0			C1538	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	
R9811	1-218-981-11	RES-CHIP	220K	5%	1/16W	C1540	1-100-672-11	CERAMIC CHIP 10uF 20% 16V	
R9813	1-218-973-11	RES-CHIP	47K	5%	1/16W	C1543	1-100-672-11	CERAMIC CHIP 10uF 20% 16V	
R9814	1-218-989-11	RES-CHIP	1M	5%	1/16W	C1544	1-137-689-11	TANTAL. CHIP 47uF 20% 16V	
R9815	1-218-989-11	RES-CHIP	1M	5%	1/16W	C1545	1-137-689-11	TANTAL. CHIP 47uF 20% 16V	
						C1547	1-164-874-11	CERAMIC CHIP 100PF 5% 50V	
						C1549	1-100-507-11	CERAMIC CHIP 4.7uF 20% 6.3V	
RB6002	1-234-381-21	RES, NETWORK (CHIP TYPE) 100KX4 (1005)				C1553	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	

POWER

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C1557	1-119-923-11	CERAMIC CHIP	0.047uF 10% 10V	Q1515	6-551-304-01	FET MTM231230LS0	
C3002	1-164-943-81	CERAMIC CHIP	0.01uF 10% 16V	Q1516	8-729-051-50	FET XP152A12C0MR	
C3102	1-164-943-81	CERAMIC CHIP	0.01uF 10% 16V	Q1517	8-729-051-50	FET XP152A12C0MR	
C3202	1-164-943-81	CERAMIC CHIP	0.01uF 10% 16V	Q1518	6-551-378-01	FET CPH3409-TL-E	
			< CONNECTOR >	Q1519	6-551-377-01	FET CPH6315-TL-E	
CN1501	1-818-743-11	CONNECTOR, FFC/FPC (ZIF) 20P		Q1520	6-551-377-01	FET CPH6315-TL-E	
CN1502	1-819-514-21	CONNECTOR, FPC (ZIF) 24P		Q1521	6-551-378-01	FET CPH3409-TL-E	
CN1503	1-816-922-21	CONNECTOR, FPC (ZIF) 5P		Q1522	6-551-378-01	FET CPH3409-TL-E	
			< DIODE >	Q1523	8-729-044-37	FET 2SK3019TL	
D1501	8-719-081-34	DIODE RB160M-30TR		Q1524	6-551-304-01	FET MTM231230LS0	
D1502	8-719-081-34	DIODE RB160M-30TR					
D1504	8-719-081-34	DIODE RB160M-30TR		Q1525	6-550-674-01	FET MCH6604-K-TL-E	
D1507	8-719-938-78	DIODE SB10-05PCP		Q1526	8-729-044-37	FET 2SK3019TL	
D1508	6-501-288-01	DIODE SBE601-TL-E		Q1527	6-550-747-01	FET 3LP01S-K-TL-E	
D1509	8-719-938-78	DIODE SB10-05PCP		Q1528	6-550-234-01	TRANSISTOR UNR32A300LS0	
D1510	6-500-337-01	DIODE SBE001		Q3001	6-550-747-01	FET 3LP01S-K-TL-E	
D1514	8-719-069-28	DIODE 1SS400TE-61					
D1516	8-719-056-97	DIODE UDV-TE-17-27B		Q3002	8-729-044-37	FET 2SK3019TL	
D3001	8-719-077-09	LED CL-196HR-CD-T (REC/●)		Q3003	6-550-234-01	TRANSISTOR UNR32A300LS0	
D3002	6-500-594-01	LED CL-196SYG-CD-T (PLAY/ENTER/▶)		Q3004	8-729-427-47	TRANSISTOR XP4213-TXE	
D3003	6-500-008-01	LED CL-196TLY-CD-T (PAUSE/■)		Q3005	6-550-234-01	TRANSISTOR UNR32A300LS0	
D3004	8-719-085-66	LED CL-190TD-CD-T (ACCESS)		Q4151	6-550-887-01	FET RTF025N03TL	
			< RESISTOR >				
IC1501	6-708-691-01	IC XC6201P331MR		R1501	1-216-296-11	SHORT CHIP	0
IC1502	8-759-824-57	IC XC61CN3002NR		R1502	1-218-989-11	RES-CHIP	1M 5% 1/16W
IC1503	6-708-684-01	IC XC61CC5002NR		R1508	1-220-804-11	RES-CHIP	2.2M 5% 1/16W
IC1504	6-705-475-01	IC XC61CC4002NR		R1509	1-220-804-11	RES-CHIP	2.2M 5% 1/16W
IC1505	6-704-917-01	IC XC9503B093A		R1512	1-208-911-11	METAL CHIP	10K 0.5% 1/16W
IC1506	6-703-570-01	IC XC9504B092AR					
IC1507	6-708-363-01	IC XC9303B093KR		R1513	1-208-923-11	METAL CHIP	33K 0.5% 1/16W
			< COIL >	R1514	1-218-985-11	RES-CHIP	470K 5% 1/16W
L1501	1-456-677-21	INDUCTOR	47uH	R1515	1-208-923-11	METAL CHIP	33K 0.5% 1/16W
L1502	1-456-677-21	INDUCTOR	47uH	R1516	1-218-985-11	RES-CHIP	470K 5% 1/16W
L1505	1-457-093-21	INDUCTOR	68uH	R1517	1-218-989-11	RES-CHIP	1M 5% 1/16W
L1506	1-457-092-21	INDUCTOR	22uH				
L1507	1-419-256-21	INDUCTOR	2.2uH	R1522	1-218-990-81	SHORT CHIP	0
L1508	1-414-410-21	INDUCTOR	10uH	R1523	1-218-990-81	SHORT CHIP	0
L1509	1-414-410-21	INDUCTOR	10uH	R1525	1-218-953-11	RES-CHIP	1K 5% 1/16W
L1510	1-414-410-21	INDUCTOR	10uH	R1527	1-218-989-11	RES-CHIP	1M 5% 1/16W
			< TRANSISTOR >	R1529	1-216-166-00	RES-CHIP	47 5% 1/8W
Q1501	6-550-268-01	TRANSISTOR DTC114YMT2L		R1530	1-218-989-11	RES-CHIP	1M 5% 1/16W
Q1502	8-729-044-37	FET 2SK3019TL		R1531	1-216-864-11	SHORT CHIP	0
Q1503	8-729-044-37	FET 2SK3019TL		R1536	1-218-990-81	SHORT CHIP	0
Q1504	6-550-187-01	FET 5HP01M-TL		R1537	1-218-990-81	SHORT CHIP	0
Q1505	8-729-402-32	TRANSISTOR 2SD1819A-R		R1539	1-218-985-11	RES-CHIP	470K 5% 1/16W
Q1506	6-550-187-01	FET 5HP01M-TL					
Q1507	6-550-268-01	TRANSISTOR DTC114YMT2L		R1540	1-208-935-11	METAL CHIP	100K 0.5% 1/16W
Q1508	6-550-268-01	TRANSISTOR DTC114YMT2L		R1541	1-208-911-11	METAL CHIP	10K 0.5% 1/16W
Q1509	6-551-291-01	FET ECH8605-TL-E		R1542	1-208-943-11	METAL CHIP	220K 0.5% 1/16W
Q1510	6-551-291-01	FET ECH8605-TL-E		R1543	1-218-990-81	SHORT CHIP	0
Q1511	6-550-234-01	TRANSISTOR UNR32A300LS0		R1544	1-216-864-11	SHORT CHIP	0
Q1512	6-550-706-01	FET FDW2506P					
Q1514	8-729-044-37	FET 2SK3019TL		R1545	1-218-985-11	RES-CHIP	470K 5% 1/16W
				R1546	1-218-990-81	SHORT CHIP	0
				R1547	1-218-985-11	RES-CHIP	470K 5% 1/16W
				R1548	1-208-927-11	METAL CHIP	47K 0.5% 1/16W
				R1550	1-216-864-11	SHORT CHIP	0
				R1554	1-208-927-11	METAL CHIP	47K 0.5% 1/16W
				R1555	1-208-715-11	METAL CHIP	22K 0.5% 1/16W
				R1557	1-216-797-11	METAL CHIP	10 5% 1/10W
				R1558	1-216-797-11	METAL CHIP	10 5% 1/10W
				R1559	1-208-675-11	METAL CHIP	470 0.5% 1/16W
				R1561	1-208-711-11	METAL CHIP	15K 0.5% 1/16W

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R1562	1-208-715-11	METAL CHIP	22K 0.5% 1/16W	S3201	1-786-157-31	SWITCH, TACTILE (REC/●)	
R1563	1-216-864-11	SHORT CHIP	0	S3301	1-572-922-11	SWITCH, SLIDE (HOLD)	
R1564	1-216-864-11	SHORT CHIP	0				< TRANSFORMER >
R1567	1-208-683-11	METAL CHIP	1K 0.5% 1/16W	T1501	1-443-773-21	TRANSFORMER, DC-DC CONVERTER	
R1568	1-208-935-11	METAL CHIP	100K 0.5% 1/16W				< VARISTOR >
R1569	1-208-715-11	METAL CHIP	22K 0.5% 1/16W	VDR10031-804-499-21	VARISTOR, CHIP (1608)		
R1570	1-216-864-11	SHORT CHIP	0	VDR10041-804-499-21	VARISTOR, CHIP (1608)		
R1571	1-218-989-11	RES-CHIP	1M 5% 1/16W				*****
R1573	1-218-977-11	RES-CHIP	100K 5% 1/16W				
R1574	1-216-864-11	SHORT CHIP	0				
R1575	1-218-977-11	RES-CHIP	100K 5% 1/16W				
R1580	1-218-989-11	RES-CHIP	1M 5% 1/16W				MISCELLANEOUS
R1581	1-218-953-11	RES-CHIP	1K 5% 1/16W				*****
R1582	1-208-943-11	METAL CHIP	220K 0.5% 1/16W				
R1583	1-208-699-11	METAL CHIP	4.7K 0.5% 1/16W				
R1588	1-220-804-11	RES-CHIP	2.2M 5% 1/16W				
R1589	1-218-990-81	SHORT CHIP	0				
R1593	1-218-989-11	RES-CHIP	1M 5% 1/16W				
R1594	1-218-989-11	RES-CHIP	1M 5% 1/16W				
R1595	1-218-989-11	RES-CHIP	1M 5% 1/16W				
R1596	1-218-989-11	RES-CHIP	1M 5% 1/16W				*****
R1597	1-216-821-11	METAL CHIP	1K 5% 1/10W				
R1599	1-216-864-11	SHORT CHIP	0				ACCESSORIES
R1601	1-218-990-81	SHORT CHIP	0				*****
R3001	1-218-965-11	RES-CHIP	10K 5% 1/16W				
R3002	1-218-953-11	RES-CHIP	1K 5% 1/16W				
R3003	1-218-953-11	RES-CHIP	1K 5% 1/16W				
R3004	1-218-957-11	RES-CHIP	2.2K 5% 1/16W				
R3005	1-218-957-11	RES-CHIP	2.2K 5% 1/16W				
R3006	1-218-961-11	RES-CHIP	4.7K 5% 1/16W				
R3007	1-218-965-11	RES-CHIP	10K 5% 1/16W				
R3008	1-218-969-11	RES-CHIP	22K 5% 1/16W				
R3009	1-218-945-11	RES-CHIP	220 5% 1/16W				
R3010	1-218-941-81	RES-CHIP	100 5% 1/16W				
R3011	1-218-949-11	RES-CHIP	470 5% 1/16W				
R3012	1-218-947-11	RES-CHIP	330 5% 1/16W				
R3102	1-218-965-11	RES-CHIP	10K 5% 1/16W				
R3201	1-218-965-11	RES-CHIP	10K 5% 1/16W				
R3301	1-218-985-11	RES-CHIP	470K 5% 1/16W				
R3302	1-218-989-11	RES-CHIP	1M 5% 1/16W				
R3304	1-218-985-11	RES-CHIP	470K 5% 1/16W				
R3305	1-218-953-11	RES-CHIP	1K 5% 1/16W				
R4157	1-218-989-11	RES-CHIP	1M 5% 1/16W				
R4167	1-218-945-11	RES-CHIP	220 5% 1/16W				
R4168	1-218-945-11	RES-CHIP	220 5% 1/16W				
R4169	1-218-945-11	RES-CHIP	220 5% 1/16W				
			< SWITCH >				
S1510	1-786-178-11	SWITCH, SLIDE (POWER)					
S3001	1-786-157-31	SWITCH, TACTILE (STOP/■)					
S3002	1-786-157-31	SWITCH, TACTILE (LIGHT)					
S3003	1-786-157-31	SWITCH, TACTILE (PAUSE/■)					
S3004	1-786-157-31	SWITCH, TACTILE (DISPLAY)					
S3005	1-786-157-31	SWITCH, TACTILE (FR/DOWN/◀◀)					
S3006	1-786-157-31	SWITCH, TACTILE (FF/UP/▶▶)					
S3007	1-786-157-31	SWITCH, TACTILE (MENU)					
S3008	1-786-157-31	SWITCH, TACTILE (DIVIDE)					
S3101	1-786-157-31	SWITCH, TACTILE (PLAY/ENTER/▶)					

REVISION HISTORY

Clicking the version allows you to jump to the revised page.

Also, clicking the version at the upper on the revised page allows you to jump to the next revised page.